Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 135 FEBRUARY 13, 1939 Number 7

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Materials Preparedness Urged by 6 Senators

OPD Washington Bureau
February 6, 1939

A bill (S. 1187) to provide for acquisition of stocks of strategic materials has been introduced in the senate, sponsored jointly by Senators John E. Miller of Arkansas, Burton K. Wheeler of Montana, James E. Murray of Montana, Henry F. Ashurst of Arizona, Walter F. George of Georgia, and Pat McCarran of Nevada.

The measure authorizes the appropriation of $25,000,000 annually for each of the fiscal years ending June 30, 1940, 1941, 1942, and 1943, for procurement, transportation and storage of commodities to be acquired under the proposal.

The secretaries of war and the navy, with the cooperation of representatives of the secretaries of state, the treasury, the interior, and commerce, and acting through the Army and Navy Munitions Board, would be directed to determine which materials are strategic and critical, and the quality and quantities of such materials to be purchased under the act, and to direct that such purchases be made "when they deem such action appropriate because the usual and normal domestic supply of any of the . . . commodities is insufficient to meet the industrial, military, and naval needs of the country."

The commodities so purchased would be stored on military and naval reservations and would be used only upon the order of the President in time of war, or national defense emergency.

Several similar bills have been introduced in the house earlier in the session.

Research Support Asked from Congress

OPD Washington Bureau
February 6, 1939

A bill (H.R. 3652) to promote additional research in the physical sciences has been introduced in the house by Representative Clarence F. Lea of California.

Under the terms of the measure a sum of $1,000,000 would be authorized for appropriation for the fiscal year ending June 30, 1940, and for each fiscal year thereafter such sums as might be necessary. Fifty percent of such sums would be made available to the National Bureau of Standards for research and for administration of the act. The other 50 percent would be available for allotment by the Secretary of Commerce to selected universities, colleges, and other non-profit research agencies for specific research projects, and the

—*Continued on page* 29

N.Y. Production Club Hears Talk on Paint Film

Dr. William Krumbhaar, vice-president in charge of technical development for Reichhold Chemicals, Inc., Detroit, was the principal speaker at the monthly meeting of the New York Paint and Varnish Production Club held in the Building Trades Employers Association building, this city, February 9. He discussed and presented a motion micropicture on "The Formation and Destruction of a Paint Film."

The picture gave an instructive insight into the internal occurrences during the formation and destruction of a paint film. It threw a new light on the durability of surface coatings, especially from the point of view of improving weather resistance with modern synthetic resins. Dr. Krumbhaar pointed out that the picture showed how the molecular condition of surface-coating materials may vary from an obvious crystalline condition through semi-crystalline forms to the colloidal state of polymers, and made it clear that the durability of a film is impaired by crystallization tendencies.

Crystallization means orientation, and every orientation of molecules in the

—*Continued on page* 39

Cosmetic Tax Repeal Put Before Congress

OPD Washington Bureau
February 7, 1939

A bill to repeal as of January 1, 1939, the Federal excise tax on toilet preparations and similar products was introduced "by request" in the house today by Representative Mary T. Norton, of New Jersey.

Painting Contractors Plan Styling, Time Selling Drive

Atlantic City, N. J., Feb. 10, 1939

Plans to promote styling with paint and time payment selling were adopted by the fifty-fifth annual convention of the Painting and Decorating Contractors of America, which ended its four-day session at the Ritz-Carlton Hotel here today.

Feature of the meeting was a dramatic presentation of color styling yesterday afternoon, when Professor Belle Northrup of Columbia University demonstrated the Devoe & Raynolds color psycho-analysis machine, a device which reveals a person's true color personality. Wives of delegates and professional models assisted in this number and in another one in which the models paraded before backgrounds of varying colors, the audience deciding by their applause which background best suited each personality. Ivor Kenway, of the Devoe & Raynolds Company, acted as master of ceremonies.

J. Frank Jones spoke of styling as the new sales tool in the hands of painting and decorating contractors; Captain H. Ledyard Towle, of the Pittsburgh Plate Glass Company, explained what other industries have accomplished by styling their products, and John B. Dewar, of Pittsburgh, told the delegates how they can cash in on style in their businesses. Mr. Dewar is chairman of the merchandising committee of the Painting and Decorating Contractors of America, under whose direction plans for promoting

—*Continued on page* 38

Drug Law Colors Hearing Points to Changes in Rules

OPD Washington Bureau
February 10, 1939

Technical problems involved in the certification of coaltar colors for use in foods, drugs, and cosmetics were discussed at a hearing this week at the Department of Agriculture preparatory to the promulgation of regulations on this subject, as required by the new food, drug, and cosmetic act.

Tentative regulations published a month ago formed the basis of the hearing, and as a result of the testimony offered during the proceedings, which ran all this week, it is evident that a number of changes will be made before the regulations are promulgated. These will be mostly of a technical nature, but probably some will be to meet objections of the color-using trades.

Results to Be Expected

Based on observations of the hearing, the following predictions may be made—

1. The department will not retreat from the stand taken in the tentative regulations that no coaltar color may be used in an eyelash or eyebrow dye. This will prevent the use of paraphenylenediamine for this purpose.
2. Coaltar colors will be so defined as to include preparations which may be made of coaltar even though at present they are usually made from other materials. One probable indirect effect of this will be that pyrogallol and similar products will later be classified as coaltar colors, which would prevent their use in a hair dye unless bearing the cautionary label prescribed by the act.
3. A new system of color nomenclature will be adopted to avoid confusion with the Colour Index and conflicts of tradenames.
4. Provision will be made for classifying lakes in somewhat the same status as mixed colors in order to extend the variety of color lakes available to the cosmetic trade.
5. In spite of apprenhension expressed by the trade that proposed tolerances for soluble barium cannot be met, evidence was not produced which might warrant any change in the tolerances.
6. No relaxation or modification will be made in the tentative regulations because of hardship on the industry, shortness of time, lack of a desired range of cosmetic colors, manufacturing difficulties, or other reason where the department has cause to believe that this might result in the use of a color which is not "harmless and suitable for use" as stipulated in the statute.

The hearings closed today, and time was allowed for interested parties to file briefs and proposed findings of fact, after which a proposed report will be prepared by the presiding officer, Frank S. Hassell. A subsequent period will be allowed for objections before the final regulations are promulgated by the Secretary of Agriculture.

Consumers Present Views

In the main the hearings were conducted under strict rules of evidence, and except for a group of consumer spokesmen, witnesses were required to confine their testimony to matters on which they had qualified as experts and which were clearly within the scope of

—*Continued on page* 32

N.P.V.L.A. 1939 Meeting In San Francisco Nov. 1-3

The National Paint, Varnish and Lacquer Association will hold its 1939 convention in San Francisco November 1-3, according to Ernest T. Trigg, president of the association. The Federation of Paint and Varnish Production Clubs' 1939 convention and the annual paint show will be held at some convenient intermediate point between the coasts. The dates for the federation meeting and paint show will be arranged so as to allow Eastern and Middle States members of the association to attend the federation meeting either while en route to California or on their return.

Headquarters for the 1939 meeting of the association will be in the Fairmont hotel, with the Mark Hopkins hotel, next door to the Fairmont, and the Palace hotel, closely adjacent, serving as auxiliary hotels. President Trigg stated that there will be no increase over the regular hotel rates, on account of the Golden Gate International Exposition, to those who make reservations with the convention hotels and state that they are for the annual convention of the association. Special low railroad rates for the Western trip are being arranged.

Soda Chlorate Production By Government Urged by Pierce

OPD Washington Bureau
February 7, 1939

Government production of chlorate of soda for sale at a low price is necessary in order to control the growing menace from noxious weeds, the House of Representatives was told today by Representative Walter M. Pierce of Oregon. He spoke in behalf of his bill (H. R. 196), which has not yet had committee consideration, that would authorize construction of a chlorate of soda plant in Oregon to be operated by electricity from Bonneville dam.

After reviewing various methods for the control of weeds, Mr. Pierce declared that the use of chemical herbicides is necessary and that the Department of Agriculture has discovered that chlorate of soda is the best preparation. He declared that the single domestic producer of chlorate of soda is "protected in a monopoly" by a tariff of 1½ cents per pound. He gave domestic production as between 10,000,000 and 12,000,000 pounds, and said that imports ranged from 1,000,000 to 9,000,000 pounds annually. By the use of cheap electric power he estimated chlorate of soda could be produced at about 4 cents per pound, compared with the present price to farmers of between 9 cents and 12 cents per pound.

The annual loss to farmers caused by weeds has been estimated as high as $3,000,000,000, or almost one-third of the total farm income and three times the loss by reason of insect pests of plants and twelve times that suffered from animal diseases, Mr. Pierce declared.

The Pierce bill would authorize the Federal government to sell chlorate of soda to States, and in this way, he said, cost of production would be repaid. States would distribute it to farmers cooperating in a weed-eradication program. The congressman declared that weed-eradication is a national problem requiring joint participation by Federal, State, and county government and that, while clean cultivation and proper methods of farming will aid in eradicating weeds, the problem cannot be solved unless there is widespread use of chemical herbicides, which must be made available at a price within the reach of farmers.

Another weed-control measure was introduced in the house today by Representative Frank E. Hook of Michigan. This bill (H. R. 3839) would prevent the importation or interstate shipment of any feed, grain, or seed screenings, grain, hay, bedding, packing material, or any other material containing the seeds of various noxious weeds listed. Enforcement would be through the Department of Agriculture, which would have power to make rules and regulations for removing weed seeds and to establish tolerances. Material shipped in violation of this act would be subject to seizure, and the department could also make use of cease and desist proceedings directed against persons violating the act.

DCAT to Discuss Combination Deals

A "Retailers' Forum" is scheduled as the feature of the next luncheon meeting of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, to be held February 21 at 12:30 p. m. in the Hotel Commodore, this city.

Retail druggists' views on manufacturers' offers of combination deals to the consumer will be presented in five minute commentaries by Samuel S. Dworkin, chairman of the fair trade committee of the New York Pharmaceutical Council; A. R. Granito, former president of the New Jersey State Pharmaceutical Association; Harry H. Miller, chairman of the fair trade committee of the New York State Pharmaceutical Association; and Nathan Zonies, president of the Pennsylvania Pharmaceutical Association. The subject will then be opened for discussion by manufacturers and others.

The speakers will be presented by Dan Rennick, of *Drug Topics*, who will serve as toastmaster.

Reservations, at $1.50 a plate, should be made with the secretary of the section, Ray Schlotterer, 41 Park row, this city.

Closing Market Developments

London Closing Cable

London, Feb. 10, 1939

Quotations on quicksilver were £15 12s to £16 2s. per flask. Stocks of shellac totaled 98,051 packages of which 96,644 packages were orange.

Import Vermilion Up

Certain producers advanced the price of imported vermilion 5c. to a new level of $1.50 to $1.57 late last week. The increase was due to the price rise of imported vermilion earlier in the week.

Cottonseed Oil Steadier

Refined cottonseed oil futures were steadier on Friday. Offerings were lighter and shorts covered. July closed at 6.67c. and September 6.76c. These prices were about 5 points above the closing quotations of the previous day and 12 points over the low point of the week, but they showed a decline of 20 points as compared with the final figures of the previous Friday. Southern markets for cottonseed products were quiet and easy.

Hard Mercurials Advanced

Prices on hard mercurials were advanced in price last Friday as the result of the higher quotations prevailing on quicksilver. The schedule follows:—Calomel, $1.44 per pound; corrosive sublimate, crystals, $1.26; granular, $1.11; mercury oxide, yellow, U.S.P., $1.93; red precipitate, N. F., $1.71; white precipitate, drums, $1.66. Technical yellow mercury oxide was priced at $1.41 per pound, and the technical red mercury oxide was established at $1.46.

Tin Salts Unchanged

Despite the easier tone in the Straits metal market, tin derivatives were without further price change later in the week. Straits tin closed at .4555 per pound.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Calcium Carbide:—Chile has increased the annual import quota for calcium carbide from 400 to 1,200 metric tons.

Earth, Infusorial:—The Belgian import duty on infusorial earth, mixed with asbestos fiber, has been reduced from 5.75 to 3.50 francs per 100 kilos.

Hydroquinone:—Belgium has removed the import duty of 6.90 francs per net kilo on hydroquinone and certain photographic developers.

Logwood:—A Haitian decree provides for continuance for the exemption of the export duty on logwood and logwood roots.

Soda, Caustic:—The importation of crystallized caustic soda lyes into Belgium has been made subject to import permits.

Spices:—Germany has greatly reduced the import duties on aniseed, coriander, fennel, caraway, cinnamon, star anise, cloves, mace, ginger, saffron, and ground paprika.

Zinc Ores:—The exportation of zinc ores from Rumania has been prohibited, except under special permit.

McK.&R. Outlook Noted by 'Circular'

Under the caption, "McKesson & Robbins' Future," *Druggists Circular*, 59 John street, this city, in its recently issued February number, has the following editorial article:—

As it was hoped, it now appears the result of the malfeasance of a few of its executives will not be the collapse of the nationwide enterprise of McKesson & Robbins, Inc., but at most the dismantling of certain more or less extraneous appendages. So widely and so closely interwoven in the fabric of the whole drug trade of the country is the functioning of the wholesale drug division of this large concern that to tear it out would almost completely destroy for a considerable time a large and important part of the trade, and the reweaving would be slow and difficult.

Out of loyalty and as a matter of self-preservation, manufacturers, other wholesalers, and retailers have been doing all in their power to assist the trustee of McKesson & Robbins and the executives who have been faithful to their duties to maintain this widespread service of distribution. This is not an undesirable duty, be-

—*Continued on page* 50

Chemical Price Trends Indefinite

Price movements continued indefinite as to a general direction last week in the markets for heavy and fine chemicals. Reductions were again the more numerous, and advances again had a slight advantage in weight. Tin was back to the down side.

The volume of business was a trifle shrunken from that in the preceding week but was larger than that of a year ago. The sentiment also was better, because important consuming industries were more actively bestirring themselves.

Prices were advanced on domestic and imported quicksilver, hard mercurials, valonia beards and cups, domestic and imported rottenstone, and imported bonemeal and steamed bone.

Prices were reduced on Straits tin, tetrachloride of tin, cornstarch, tanner's corn sugar, corn syrup, corn dextrin, orange sulphide of cadmium, gum turpentine, medium grades of gum rosin, ascorbic acid, diglycol laurate, oleate, and stearate, egg yolk, domestic and imported egg albumen, imported nitrogenous fertilizer stuff, domestic and imported dried blood, and hoofmeal at Chicago.

The REPORTER's composite index number of prices for heavy and fine chemicals was but slightly affected and remained at 125.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 88.9, compared with 89.7 at this time last year and 89.0 in 1937.

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TAPPI Meeting In N.Y. Feb. 20-23

Every phase of paper making will be discussed at the twenty-fourth annual meeting of the Technical Association of the Paper and Pulp Industry, to be held in the Roosevelt hotel, this city, February 20 to 23. Session will be devoted to the discussion of containers, industrial engineering, forming and finishing, alkaline pulping and materials of construction, acid pulping, coating, alkaline pulping, paper testing, graphic arts, and heat and power.

At the session set aside for the discussion of containers, R. W. K. Ulm, of the Container Corporation of America, Manayunk, Pa., will read a paper on "Creasing and Bending of Folding Boxboard." In the industrial engineering division, Guy E. Arthur, of the Charles E. Bedaux Company, this city, will discuss "The Human Factors in the Paper Industry." On the subject dealing with forming and finishing, G. A. Ritter, of the Herty Foundation Laboratory, Savannah, Ga., will talk on "Book and Bond Papers From Southern Black Gum."

M. W. Bray and J. S. Martin, of the Forest Products Laboratory, Madison, Wis., will discuss "Sulphidity Effects in the Sulphate Pulping of Douglas Fir." In connection with acid pulping, D. C. Porter, of the Kimberly-Clark Corporation, Neenah, Wis., will read a paper on "Developments in Indirect Sulphite Cooking and Automatic Time Cycle Control." J. C. Pullman, of the Bert C. Miller, Inc., this city, will give an address on "Dry Coating." Harry Carlson, of the Bakelite Corporation, this city, will discuss "The Use of Paper in Plastic Industry." W. R. Willets, of the Titanium Pigments Corporation, this city, will discuss "Factors Affecting the Brightness of Lined Boards." The convention will come to a close with the annual luncheon on Wednesday.

Pest Control Operators To Meet in California

The second Pacific Coast Pest Control Operators Conference will be held at the University of California, Berkeley, Calif., February 20-22. The conference will come to a close with a banquet on the grounds of the Golden Gate International Exposition at Treasure Island. Among the topics to be discussed are:—

The pest control operator.
The importance of positive identification.
Knowledge of ecology important in pest control operation.
What the pest control operator should know about chemistry.
Termites—life habits—control methods.
Other wood-boring insects and stored grain pests.
Insects of the household and dooryard.
Modern fumigation — methods — precautions—regulations.
Newer developments in insect toxicology.
Rodents.
Fleas.
The termite control operator—public relations.
The State structural pest control act at work.
Building out termites—building codes—methods.

Government Reports May Be Simplified

OPD Washington Bureau
February 6, 1939

Under the terms of a bill (H.R. 3709) introduced in the house by Representative Gerald W. Landis of Indiana, the Central Statistical Board would be directed to examine forms used or to be used by government agencies in the collection of information and to determine the extent to which these forms require unnecessary duplication of data filed with various agencies of the government.

The bill would instruct governmental agencies to cooperate with the Central Statistical Board and to prepare or modify information forms with a view of relieving persons, as far as is practicable, of the burden of filing the same information with different government agencies.

Connors Paint Co. Sold

The Passonno Hutcheon Company, Cleveland, Ohio, has purchased the assets of the William Connors Paint Manufacturing Company, Troy, N. Y., maker of "American Seal" paints since 1858.

Drug and Related Bills In State Legislatures

In addition to pending State legislation more particularly noted in this or recent issues of the REPORTER, the following bills having to do with economic poisons, agricultural poisons, drugs, cosmetics, and related substances are of interest:—

California S.792—Revising the exemption of sales of packaged chemicals and drugs by others than pharmacists.

California S.802—Reducing the number of economic poisons that may be handled for one license fee.

California S.804—Requiring a permit for handling economic poisons quarantined as illegal.

California S.820—Adopting the new Federal definition of the term, "drug."

California A.1018—Restricting the sale of drugs in accordance with definitions and standards not conforming with new Federal law.

California A.1067—Requiring registration of economic poisons and particular packaging and labeling of such substances.

California A.1147—Creating a consumers' protective commission in respect of drugs and cosmetics, and requiring these commodities to be registered.

California A.1781—Amending the law

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Mexican Data Demand Turned Down by House

OPD Washington Bureau
February 7, 1939

The house today refused to take action on a resolution directing the Secretary of State to answer a number of questions relating to relations between this country and Mexico, particularly dealing with expropriation of American-owned oil properties in Mexico.

The resolution was introduced by Representative Martin J. Kennedy of New York, and was adversely reported by the committee on foreign affairs, with the explanation that such information available to the Department of State as is consistent with the public interest is already on file with that committee.

At a recent press conference, the Secretary of State, Cordell Hull, declared that conversations are in progress with the Mexican government regarding the oil controversy, but there is no official information as to the character or status of these negotiations; although many conjectures have been published, including a report from Mexico City that the United States government would purchase the oil from expropriated properties.

F.W.D.A. Seeks Uniformity In State Drug Legislation

Conformity with the new Federal food, drug and cosmetic act of similar legislation to be passed by the individual States was strongly recommended in a resolution adopted at the closing session of the Winter meeting of the Federal Wholesale Druggists' Association, in the Roosevelt hotel, this city, February 7-9. The meeting also resolved to support any worthwhile program for presenting the facts concerning the advantages of fair trade to the consuming public, and also to become a member of the International Drug Club at the New York World Fair.

Edward T. T. Williams

The resolution urging drug law uniformity asked that all States in passing food, drug, and cosmetic acts conform identically with the Federal act as far as possible, so as to eliminate confusion and double hardship in the enforcement of the laws. It also was pointed out that lack of uniformity would result in unnecessary jeopardy and harm to the industries regulated.

The previous day of the meeting was devoted to a discussion period open to both the active (wholesalers) and associate (manufacturers) members of the association. The topics of discussion at the open meeting included responsibility for product compliance under the Federal food, drug, and cosmetic act; the future of fair trade; and a clarification of the Mutual Drug Company affair. This open meeting also considered uniformity of State and Federal drug legislation, subjobbing activities by retailers, and the manner in which manufacturers can co-operate with mutual wholesalers in programs planned to increase retail drug sales.

The discussion sessions, under the chairmanship of Edward T. T. Williams, of Becton, Dickinson & Co., East Rutherford, N. J., opened with an expression by Earl Means, of the Bristol-Myers Company, concerning the revision of labels as required by the new Federal drug regulations. He declared that manufacturers delaying such revision were making a serious mistake, for he said, his experience has shown that such changes require considerable time for completion. One of the primary reasons for the amount of time involved, he remarked, was the reluctance of government officials to voice approval of labels submitted for judgment. He urged that manufacturers, who have not already started revision of labels, give the condition immediate attention, for, he added, it is but a short time before the regulations will become effective. The act becomes effective June 25.

George A. Raab
President

Another reason for securing the approval by Federal officials as early as possible, was because he had learned that the enforcement officials of North Dakota would not accept the labels of products to be sold in that State until the label had Federal approval. A re-

—*Continued on page 46*

Chemical, Petroleum Corporations Financial Data for 1936 U.S. Taxes

OPD Washington Bureau
February 6, 1939

Data from corporation reports in connection with Federal taxes for 1936 are being released by the Secretary of the Treasury in advance of publication of the statistical records of the Bureau of Internal Revenue. These advance data include tabulations for major industrial groups which comprise, among other information, the receipts and deductions reported by active corporations in the several groups and their statements of assets and liabilities.

Data on these items, compiled for the many-part group of chemicals and allied products and for the petroleum group are as follows; the petroleum industry being treated separately from the broad chemical group in which it was included in previous years:—

	Chemicals and allied products.	Petroleum and other mineral oil products.
Number of returns (active corporations)	6,811	746
Receipts		
Taxable income—		
Gross sales[1]	$3,757,875,000	$4,246,237,000
Gross receipts from operations[2]	24,885,000	172,864,000
Interest	7,753,000	14,163,000
Rents	6,899,000	19,954,000
Net capital gain	4,700,000	3,202,000
Dividends from domestic corporations[3]	96,848,000	118,866,000
Other receipts	24,790,000	29,610,000
Tax-exempt and taxable income—		
Interest on government obligations—		
Subject to excess-profits tax[4]	1,208,000	551,000
Wholly tax-exempt[5]	4,021,000	458,000
Total compiled receipts[6]	3,928,979,000	4,605,905,000
Deductions		
Cost of goods sold[7]	2,470,639,000	3,066,508,000
Cost of operations[8]	7,575,000	85,125,000
Compensation of officers	68,744,000	10,328,000
Rent paid on business property	16,848,000	32,804,000
Bad debts	15,995,000	10,125,000
Interest paid	21,048,000	30,675,000
Taxes paid, other than income and excess-profits tax[9]	79,506,000	115,719,000
Contributions or gifts[10]	934,000	521,000
Depreciation	94,140,000	213,964,000
Depletion	3,682,000	127,343,000
Net capital loss[11]	1,000,000	239,000
Other deductions	684,337,000	708,578,000
Total compiled deductions[12]	3,464,449,000	4,401,930,000
Profits, Losses, Taxes, Dividends		
Compiled net profit or net loss[12]	464,530,000	203,975,000
Net income or deficit for excess-profits tax computation[13]	460,509,000	208,517,000
Normal tax[14]	57,408,000	20,723,000
Surtax on undistributed profits	6,671,000	2,895,000
Excess-profits tax	1,063,000	53,000
Total tax	65,142,000	23,671,000
Compiled net profit less local tax	399,389,000	180,304,000
Cash dividends paid	354,983,000	314,251,000
Stock dividends paid	11,878,000	120,889,000

[1] Gross sales where inventories are an income-determining factor. For "cost of goods sold," see "deductions."

[2] Gross receipts from operations where inventories are not an income-determining factor. For "cost of operations," see "deductions."

[3] Dividends received on stock of domestic corporations subject to taxation under title I of the effective revenue acts (item 12 (a), page 2 of return).

[4] Includes United States savings bonds and treasury bonds owned in principal amount of over $5,000, and obligations of instrumentalities of the United States (other than those issued under Federal farm loan act or such act as amended), reported as item 8, page 2 of return.

[5] Includes obligations of States and Territories or political subdivisions thereof, securities issued under Federal farm loan act, or such act as amended, obligations of the United States issued on or before September 1, 1917, treasury notes, treasury bills, treasury certificates of indebtedness, and United States savings bonds and treasury bonds owned in principal amount of $5,000 or less.

[6] Excludes nontaxable income other than interest on tax-exempt obligations reported in schedule M of the return. Unlike former years, dividends received from domestic corporations are included in taxable income instead of in tax-exempt income.

[7] Includes taxes which are reported in "cost of goods sold."

[8] Includes taxes which are reported in "cost of operations."

[9] Excludes taxes tabulated under "cost of goods sold" and "cost of operations."

[10] Limited to 5 percent of net income before deduction of contributions or gifts on returns with year ended December 31, 1936, and thereafter.

[11] For limitations on amount of net capital loss that may be allowed, see section 117 (d) of the revenue acts of 1934 and 1936.

[12] Unlike former years, compiled deductions include contributions or gifts (limited to 5 percent of net income before deduction of contributions or gifts) on returns with year ended December 31, 1936, and thereafter. Compiled net profit for 1936 is less than that for prior years by the amount of such contributions or gifts.

[13] Unlike former years, "net income" or "deficit" represents the amount for excess-profits tax computation (item 27, page 2 of return) which is equal to the difference between "total income" and "total deductions" (item 14 and 26, respectively, page 2 of return). Net income or deficit includes dividends received on stock of domestic corporations subject to taxation under title I of the effective revenue act (item 12 (a), page 2 of return) and interest received on certain government obligations, which is subject to excess-profits tax (item 8, page 2 of return), and excludes contributions or gifts (limited to 5 percent) of net income before deduction of contributions or gifts).

[14] Includes income tax reported on returns with fiscal year or part year ended prior to December 31, 1936, graduated normal tax, and flat normal tax for corporations exempt from the graduated rates, reported on returns for the calendar year 1936 and for fiscal year ended in period January through June, 1937.

—*Continued on page 56*

F.T.C. Intensifies Enforcement on Ads

OPD Washington Bureau
February 7, 1939

The Federal Trade Commission is intensifying its activities in enforcing the provisions of the Wheeler-Lea act against misleading advertising of foods, drugs, devices, and cosmetics, and is beginning a scrutiny of advertising agencies, mail order catalogues, and foreign language publications.

Many advertising agencies, radio stations and publishers considered themselves exempt from the provisions of this law so long as they furnish the commission with the name and address of the person selling the article advertised, but the commission has interpreted the law as meaning that they are exempt only from the criminal penalties of section 14 of the amended trade commission act and are not exempt from other sections.

For some time it has been the practice of the commission to send a questionnaire to the vendor-advertiser of a product which is considered to be advertised in a manner violative of the act. Beginning this week these questionnaires include an additional paragraph asking whether any advertising agency was employed and if so its name and address and the duration of the contract. As soon as returns are received, all advertising agencies mentioned will be sent a special questionnaire seeking information regarding the advertising matter in question.

It was explained at the commission that the object of this new move is to fix the responsibility for false and misleading advertising and to change the attitude of those agency copy writers who are felt to be stressing the "commercial angle" in order to "catch the sucker market." It was stated that the majority of agencies, publishers and radio stations are attempting to comply with the Wheeler-Lea act but that a minority, particularly among the advertising agencies, are ignoring the law. So far the commission has not taken any steps to apply the law to publishers and radio stations, even though equally liable with agencies under the law, except in cases where these media participated in preparing advertising copy.

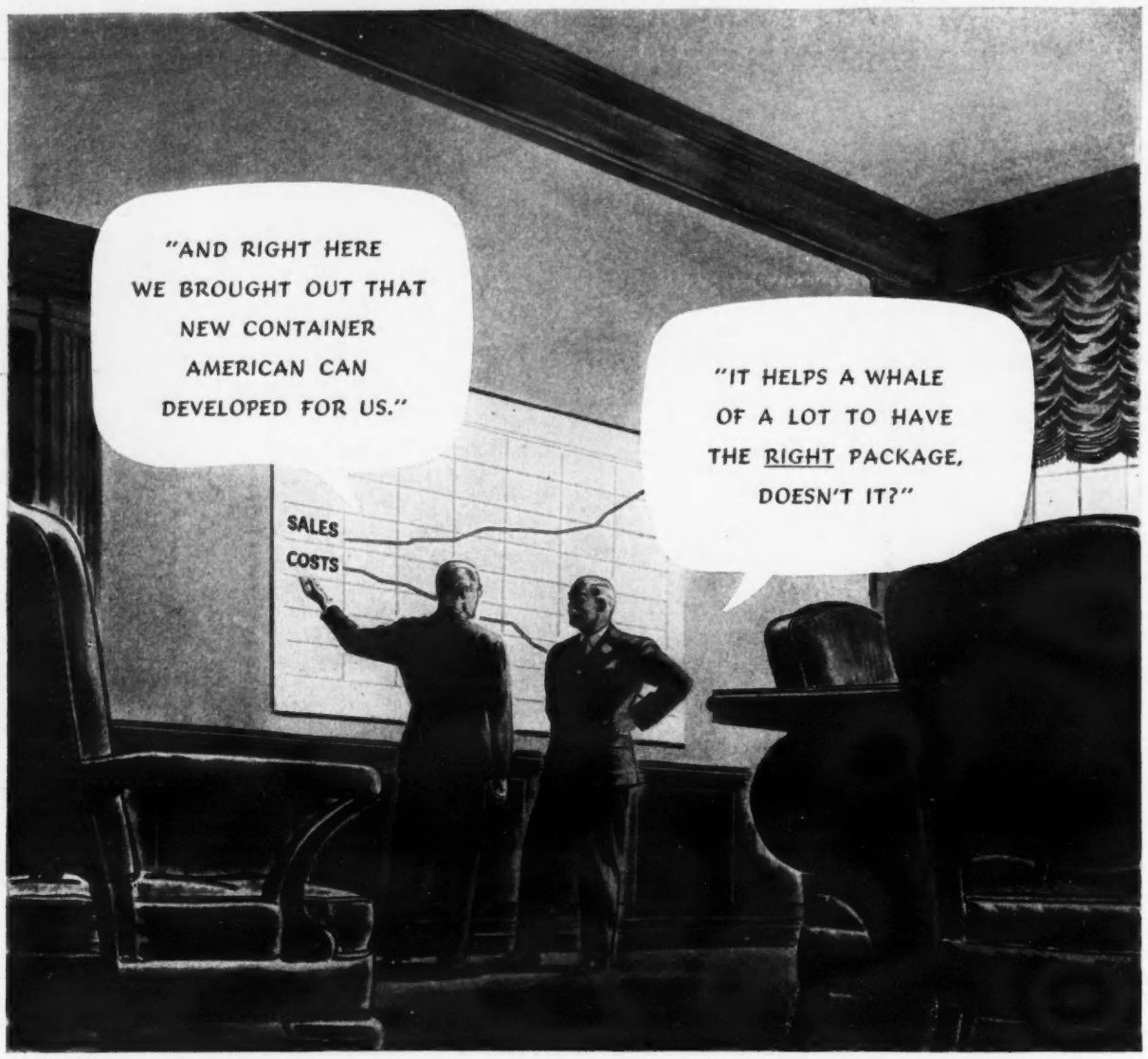
F.T.C. Order Against Miami Wholesale Drug

The Miami Wholesale Drug Corporation, Miami, Fla., and six individuals who trade under the name of 'Miami Magazine,' have been served by the Federal Trade Commission with an order prohibiting certain price discriminations in violation of the Robinson-Patman act.

Individual respondents are:—Arthur S. Lavine, president of the corporation; Vivian L. King, vice-president; Sam S. Lavine, treasurer; Rodney S. Pullen, Jr., active manager of the corporation and of the business done under the trade name 'Miami Magazine,' and Esther S. and Elizabeth R. King.

The case involves the inducement of the granting of advertising allowances and discounts by the respondents on purchases made by them from drug manufacturers and sellers, such amounts

—*Continued on page 52*


"AND RIGHT HERE WE BROUGHT OUT THAT NEW CONTAINER AMERICAN CAN DEVELOPED FOR US."
"IT HELPS A WHALE OF A LOT TO HAVE THE RIGHT PACKAGE, DOESN'T IT?"
SALES
COSTS

American Can's research laboratories, and engineering and development staffs, are searching constantly for ways to help increase sales of a wide variety of products . . . through better quality-protection . . . through greater convenience and popular appeal. We may have ideas *you* can use to stimulate sales. Write us your problems today.

CANCO AMERICAN CAN COMPANY, 230 PARK AVENUE, NEW YORK, N. Y.

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd....lb. .16 - —
Acetamide, CP, kgs., 1,000-lb. lots, dlvd..lb. .44 - —
tech., kgs., 1,000-lb. lots, dlvd., lb. .39 - —
Acetanilide, tech., bbls.....lb. .22 - —
95% bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .32 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¼- —
Methyl (see M)
Acetophenone, bots. .....lb. 1.30 - 1.45
cns., 25 lbs. .....lb. 1.15 - 1.25
dms., 100 lbs. .....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls. .....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls. .....100 lbs. 6.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls .....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls. .....100 lbs. 10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms. ....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls. .....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls. .....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls. .....100 lbs. 7.68 - 7.96
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11⅛
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. tan.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -128.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -128.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .14½- .15
Chinawood oil, dms.....lb. .19¼- .20
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y..lb. .16¼- .17¼
Acid, cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .21 - —
cryst., gran., 10,000-lb. lots, one shipt..lb. .21½- —
smaller lots.....lb. .22 - —
kegs .....lb. .22½- —
anhyd., gran, dms., 10,000 lbs., 1 shipt..lb. .24 - —
smaller lots.....lb. .24½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06¾- .07⅛
tanks .....lb. .06¼- —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....lb. .64 - —
other grades, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....lb. .71 - —
Imported, pale, dms., l.c.l.gal. .60 - .64
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd...lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11¼- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1340
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .75
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
5lb. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls. .....lb. .45 - —
Hydriodic, 47%, bots.....lb. 1.99 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 2.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11⅛
plastic grade .....lb. .12¾- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12⅜- .13⅝
1 to 4, edible, bbls., cbys., lb. .11¼- .12⅛
plastic grade.....lb. .13¼- .14⅛
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22⅝
USP, XI, 85%, cbys.....lb. .43 - .45
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1100- .1160
extra white, dist., dms....lb. .11¾- .12¼
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.90 - —
1 to 9, works..100 lbs. 3.30 - —
tanks, works.....100 lbs. 1.65 - —
Acid, muriatic, C.P., USP, dealers,cbys..lb. .06½- —
6-lb. bots. .....lb. .18½- —
consumers, cbys. .....lb. .08 - —
6-lb. bots. .....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l..... .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works. 100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14¼
Phenylacetic, bots. .....lb. 1.75 - 2.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys. .....lb. .07¼- —
USP, 85%, s. g. 1.710, cbys., 130 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 35 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.95 - —
cns. .....lb. 1.10 - —
USP, cryst, cns.....lb. 1.45 - 1.60
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., divd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices.
tech., bbls., works.....lb. No prices.
Soybean oil, dist., dms.....lb. .08 - .08½
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11⅛
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11⅜
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06¼- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.20.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .95 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27¼- —
smaller quantities .....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls. .....lb. .26 - .27
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots. .....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .93 - 1.15
3, bls. .....lb. .68 - .70
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis, lb. .18 - —

Acacia—Alizarin

Albumen, blood, light, dom., flake, dms., f.o.b. Chicago, frt alld..lb. .52 - .60
import, bgs. .....lb. .52 - .60
Egg, ed., dom., cryst., bbls., lb. .71 - .73
dom., pwd., dms., bbls., lb. .76 - .84
import, cs.....lb. .71 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans .....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
Tankwagons, frt. alld...lb. .08½- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
com'l., dms. .....lb. .85 - —
import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .31,- —
l.c.l., works, dms.....gal. .33 - —
tanks, E., works.....gal. .23 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .28 - —
19 bbls., E. works...gal. .30 - —
1 to 18 bbls., E. works. gal. .33 - —
dms., c.l., E. works....gal. .27 - —
19 dms., E. works...gal. .29 - —
1 to 18 dms., E. works, gal. .32 - —
tanks, E. works.....gal. .21 - —
Anydrous, 2c. per gal.higher.
SD-2B., dms., c.l., works, E. gal. .26 - —
19 dms., works, E...gal. .28 - —
1 to 18 dms., works, E. gal. .31 - —
tanks, E., works.. ...gal. .20 - —
SD23-G, works, E., dms..gal. .31½- —
19 dms.....gal. .33½- —
1 to 18 dms.....gal. .36½- —
tanks .....gal. .25½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E., works..gal. .28 - —
20 dms., E. works...gal. .30 - —
1 to 19 dms., E. works, gal. .33 - —
tanks, E. works.....gal. .22 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13⅛- .15½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.54½- —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.50½- —
19 dms.....gal. 4.55½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.47½- —
absolute, dms., c.l.....gal. 4.86 - —
19 dms.....gal. 4.88 - —
1 to 18 dms.....gal. 4.91 - —

Grain alcohol 25c. per gal. higher.

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .33½- —
l.c.l., same basis.....gal. .33½- —
tanks, same basis.....gal. .28½- —
99%, dms., c.l., same terms. gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia., lb. .55 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite bbls., divd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., divd..lb. .20 - —
5 and 10 gal. dms., dlvd....lb. .22 - —
Aletris root, bgs.....lb. .40 - .42
Alizarin (see Red, alizarin).

Alkanet—Black, Graphite

Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Caps, cs.....lb. .18½- .20
Curacao, cs.....lb. .42 - .43
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs. .....lb. 2.67 - 2.82
25-lb. fib. dms.....lb. 2.74 - 2.80
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cubo cut, bbls., lb. .30 - .32
peeled, bls.....lb. .24 - .25
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila..100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls. .....lb. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd. .....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
f.c.l., dlvd. .....lb. .09 - —
32%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd. .....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 575 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd. .....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls. .....lb. .03½- —
bgs., c.l. .....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order .....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton .....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c.l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs....lb. .75 - —
standard, dms., 1,500 lbs..lb. .43 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb .65 - .70
Anhydrous, fertiliser, com'l, tanks (50,000 lbs.). works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05 - —
dms., c.l. .....lb. .02 - —
l.c.l. .....lb. .02¼- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit. lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit..lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs...lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., c.l., works.. 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Ammonia, bichromate, bbls...lb. .30 - .32
difluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms.....lb. .09 - .26
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
ozs. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, fib., dms.....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars .....lb. 3.45 - —
Laurate, bbls .....lb. .24 - —
Linoleate, 50%, anhyd., bbls. lb. .13 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Naphthanate, bbls. .....lb. .18 - —
Nitrate, tech., bgs., c.l., works. 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms. .....lb. .15 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran.....lb. .32 - —
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade). 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .16 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb. .09 - —
5 bbls., same basis.....lb. .08½- —
Stearate, anhydrous .....lb. .23 - —
paste .....lb. .08 - —
Sulphate, dom., bulk, c.l., f.o.b. Feb.-June shipt.....ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing area, whichever is lower to destination.

Sulphide, liquid, 35-45%, basis 100%, dms., works..lb. .12 - .13
tanks, delvd. .....lb. .11 - —
33%, cbys., wks.....lb. .07½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 - .75
Ammoniac, gum (see Gum, ammoniac).
sal. gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks. .....100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .10½- .11½
l.c.l., dlvd.....lb. .11 - .12
tanks, dlvd.....lb. .09½- .10
cns., works.....lb. .15 - .17
ex pentane, dms., c.l., frt., alld..lb. .10½- —
l.c.l., frt., alld.....lb. .11½- —
tanks, frt., alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., re- turnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .18 - .20
import, natural, bls.....lb. .20 - .22
twisted. bls.....lb. .29 - .30
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16 - .16½
Star, bgs.....lb. .14½- .15
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .07½- .08
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.6%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .11¼- —
Needle, powd., ton lots, bulk, lb. .12 - —
bbls. .....lb. .13 - —
Oxide, bbls., c.l.....lb. .11 - —
l.c.l. .....lb. .11¾- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .11½- .14¾
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .11
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .29 - .30
Root, bls.....lb. .37 - .38
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08½
bbls. .....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs. .....lb. .23 - .24
powd., bbls., bxs.....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs , c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs , c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y. lb. .03½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y.ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.60 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery. gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06¼- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.75 - 2.80

B

Balm of Gilead buds, bgs.....lb. .20 - .21
Barberry bark, bgs.....lb. .17½- .18
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs. .....lb. .27 - —
tech., dms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
Zone 2, bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis, ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12½
Fluosilicate, bbls.....lb. .11½- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¾
Iodide, bots.....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks.....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Barium, sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.93 - —
Los Angeles .....ton. 42.00 - —
New York .....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 - —
southern off color, bulk, mines, ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .82½- .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .12½- .14
Root, bls.....lb. .12 - .15
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
tankcars, W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., cans. lb. .94 - —
dms. .....lb. .80 - —
Chloride, 95.97%, refd., dms., dlvd..lb. .19 - .21
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns. .....lb. 16.75 - —
Sulphate, cns. .....lb. 16.75 - —
Berberis root, bls.....lb. .11 - .12
Betanaphthol, sublm., bbls.....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works..lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .10 - .17
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.24 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs. .....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib., dms.....lb. 1.13 - 1.18
Subcarbonate, bots., cns.....lb. 1.62 - 1.68
fib. dms.....lb. 1.53 - 1.58
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.99
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib., dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - -
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12¼- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E...lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bxs., c.l., frt. alld. E..lb. .07¼- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E...lb. .06½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10¼- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .03¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l. works.....lb. .06½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l, dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
4, cs., c.l., works.....lb. .29 - —
l.c.l., dlvd. .....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03½- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.

Charcoal (see C).
Graphite (see G).

Black, iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07½- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08½- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works, lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .19 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .26 - —
Vine, A, bbls., works or N. Y., lb. .04½- —
B, bbls., works or N. Y....lb. .06½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .20 - .21
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.20 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.35 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.85 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 2.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis.....lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis..lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .23 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .13 - .14
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.65 - —
6-15 bbls., same basis, 100 lbs. 4.75 - —
1-5 bbls., same basis..... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs.10.00 -10.25
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports....ton.26.00 - —
import, bgs., c.i.f., ports.ton.26.50 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.25.00 - —
import, 100-lb. bgs.. c.i.f. ports, shipt..ton.22.50 - —
phosphate, precip., see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton. Nom.
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.22.50 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .17 - .18
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -73.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.62.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.42.00 - —
l.c.l., ex whse....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.68.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 2.25 - 2.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .85 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .80
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12½- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05¾- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle. lb. .04¾- —
Minneapolis .....lb. .0435- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06

Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .32 - .34
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .04 - .04¼
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, contract, frt. alld..lb. .08 - —
tankwagons, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 - —
single jars .....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots. .....lb. 4.01 - —
25-lb. cns. .....lb. 3.87 - —
Lithopone (see Yellow)
Metal, cs.....lb. .80 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs. .....lb. 2.55 - —
Caffeine, 10-lb. cans, 10,000 lbs. or more..lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs. .....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more.lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.80 - 2.10
Hydrobromine, bots. .....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .21 - .22
Calamus root, bleached, peeled, N.F., cs..lb. .24 - .25
natural, bls.....lb. .09 - .10
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls. .....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 70%, CaS, bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. .85 - —
Sulphocarbolate, bbls., 200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .28 - .30
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.40 - —
Camphor, natural, powd., cs....lb. .50 - .51
slabs, cs.....lb. .50 - .51
tablets, tins.....lb. .55 - .56
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots, lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .0390- .0420
Morocco, bgs.....lb. .04½- .05
Turkish, bgs.....lb. .0400- .0440
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .93
powd., bxs. .....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .06¾- .07¼
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .83 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l..gal. .66½- —
l.c.l. .....gal. .73 - —
5-10 gal., dms., c.l.....gal. .90 - —
l.c.l. .....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., gal. .73 - —
l.c.l. .....gal. .80 - —
5-10 gal. dms., c.l.....gal. .97 - —
l.c.l. .....gal. 1.07 - —
Zone, 3, 52½ gal. dms., c.l., gal. .80 - —
l.c.l. .....gal. .86 - —
5-10 gal. dms., c.l.....gal. 1.03 - —
l.c.l. .....gal. 1.13 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5-10 gal. dms., c.l.....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
tanks .....lb. .04¾- —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Black—Cinchona Bark

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs.....lb. .85 - .87
green, bgs.....lb. .55 - .57
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .10½- .11
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-80 mesh, bgs., c.l., dlvd..lb. .08½- .09
5 tons, works.....lb. .10 - —
smaller lots, works.....lb. .11 - —
80-100 mesh, bgs., c.l., dlvd., lb. .09 - .09½
5 tons, works.....lb. .10½- —
smaller lots, works.....lb. .11½- —
import, Argent., 20-30 mesh, bgs., c.l., duty paid.lb. .09½- —
80-100 mesh, bgs., c.l., duty paid..lb. .10 - —
French, 30 mesh, bgs., c.l., duty paid..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .17½- .17¾
shortstick, bls.....lb. .13½- .13½
broken, bls.....lb. .11¼- .11½
China, rolls, select, bls.....lb. .14 - .14½
broken, extra, bls.....lb. .12 - .12½
Saigon, bls.....lb. .17 - .19
Cassia, buds, cs.....lb. .15¾- .16¼
Cassia fistula, bakts.....lb. .08½- .09½
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.20.00 - —
Catnep leaves, bls.....lb. .10½- .11
Celery seed, French, bgs.....lb. .14 - .14½
Indian, bgs.....lb. .11¾- .12¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .38 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .20 - .26
Roman, bls.....lb. .28 - .32
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02½- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., airfloat, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.50 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., cska., l.c.l., ex dock. ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, various cps., bgs., c.l., works..lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works....lb. .40 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .05½- —
contracts, dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equalled..100 lbs. 2.00 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 2.15 - —
2, works, frt. equaled..100 lbs. 2.40 - —
1, works, frt. equaled..100 lbs. 2.85 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .35 - —
6-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8%, cs., bbls.....lb. .05 - .09
Chrome, cake, bulk, c.l., works. ton.14.00 -15.00
Chrome green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .52 - .53
scales, dms., 100 lbs.....lb. .60 - .61
20 in., thick, cs.....lb. .58 - .59
20 in., medium, cs.....lb. .58 - .59
USP, broken quill, red, bgs., lb. .25 - .26
yellow, bgs.....lb. .24 - .25

Cinchonidine—Ethylene Dichlor.

Cinchonidine, crys., small cns., 100 ozs.	oz.	.83	—
large, cns.	100 ozs. oz.	.87	—
powd., cns.	100 ozs. oz.	.80	—
Sulphate, N.F., cns.	100 ozs. oz.	.47	—
Cinchonine, crys., small, cns., 100 ozs.	oz.	.54	—
large, cns.	100 ozs. oz.	.58	—
powd., cns.	100 ozs. oz.	.50	—
Sulphate, N.F., cns.	100 ozs. oz.	.34	—
Cinchophen, USP, boxes, 5 lbs.,	lb.	3.75	—
bots., 1 lb.	lb.	3.27	—
dms., 100 lbs.	lb.	3.00	—
Cinnamic alcohol (see Alcohol cinnamic).			
Aldehyde, f.c.c., cbys.	lb.	.85	- .90
Cinnamon, Ceylon, 2 bls.	lb.	.15½	- .16
3 bls.	lb.	.15	- .15½
Citral, bots., cns.	lb.	1.40	- 3.10
Citrine ointment, jars, tubes.	lb.	.75	—
Citronellal, bots., dms.	lb.	.75	- .80
Citronellol, bots., dms.	lb.	1.60	- 1.65
Clove, Madagascar, bls.	lb.	.17	- .17½
Zanzibar, bls.	lb.	.19	- .19¼
Clover tops, bgs.	lb.	.12	- .13
Coaltar, coal-gas, crude, bbls., c.l., works.	bbl.	7.50	- 7.75
l.c.l., works	bbl.	8.25	- 8.50
tanks, works	gal.	.07½	- .09
refd., bbls., c.l., works	bbl.	8.00	- 8.25
l.c.l., works	bbl.	8.75	- 9.00
tanks, works	gal.	.08½	- .10
water-gas, crude, dms., c.l., works.	dm.	7.50	- —
l.c.l., works	dm.	8.25	- —
refd., dms., c.l., works	dm.	8.00	- —
l.c.l., works	dm.	8.75	- —
Cobalt acetate, bbls., kgs., dlvd.,	lb.	.65	- .67
Carbonate, pwd., bgs., wks.,	lb.	1.25	- 1.60
Chloride, kgs., wks.	lb.	.76	- 1.20
Hydrate, bbls.	lb.	1.78	- —
Linoleate, paste, 6%, dms.	lb.	.31	- —
solid, 8¼%, bbls.	lb.	.33	- —
Oleate, bbls.	lb.	.25	Nom.
Oxide, black, kgs.	lb.	1.67	- —
Resinate, fused A, bbls.	lb.	.13½	- —
1%, bbls.	lb.	.13	- —
2%, bbls.	lb.	.14	- —
3½%, bbls.	lb.	.17½	- —
precip., dms., dlvd.	lb.	.34	- —
Sulphate, dms.	lb.	.59	- —
Cocaine, hydrochloride, 100 ozs.,	cns. oz.	9.75	- —
Cochineal, gray, bgs.	lb.	.35	- .38
Teneriffe, silver, bgs.	lb.	.36	- .39
Cocillana bark, bgs.	lb.	.15	- .16
Cocoa butter, lump, bgs., c.l.	lb.	.11¾	- .12
Codeine, cns., 100 ozs.	oz.	11.70	- —
Hydrochloride, cns., 100 ozs.	oz.	10.50	- —
Phosphate, cns., 100 ozs.	oz.	9.00	- —
Sulphate, cns., 100 ozs.	oz.	9.50	- —
Codliver oil (see Oil, codliver).			
Cohosh, black, root, bls.	lb.	.06½	- .07
Blue, root, bls.	lb.	.06	- .07
Colchicine, bots., 4 ozs.	oz.	20.00	- —
single ozs.	oz.	21.00	- —
Colchicum seed, bgs.	lb.	.24	- .25
Collodion, USP, dms., 825 lbs.	lb.	.13¾	- —
cns., 25 lbs.	lb.	.16	- —
Flexible, USP, dms., 825 lbs.	lb.	.14¾	- —
cns., 25 lbs.	lb.	.18	- —
Colocynth pulp, bls.	lb.	.24	- .25
Colombo root, bls.	lb.	.07½	- .08
Coltsfoot leaves, bgs.	lb.	.08	- .09
Condurango bark, bgs.	lb.	.08	- .09
Conium leaves, bls.	lb.	.17	- .18
Copaiba balsam, Para, cns.	lb.	.22¾	- .23
S.A., USP, cns.	lb.	.23½	- .24
Copper acetate, normal, bbls.,	dlvd. lb.	.21	- —
smaller containers, dlvd.	lb.	.23	- —
Carbonate, 52-54 pc., bbls.	lb.	.14½	- .15¼
20%, bbls.	lb.	.10¾	- .11¼
Chloride, cryst., bbls.	lb.	.13	- .14
Cyanide, tech., bbls.	lb.	.34	- —
Iodide, bots.	lb.	4.97	- 5.02
Metal, electrolytic	lb.	.11¼	- —
Nitrate, cryst., bbls.	lb.	.1660	- .1740
Oleate, precip., bbls.	lb.	.20	- —
Oxide, black, bbls., tons, works.	lb.	.16¾	- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y.	lb.	.16¾	- .17¾
Resinate, precip., bbls.	lb.	.15	- .16
Stearate, precip., bbls.	lb.	.23	- .24
Sulphate (see Blue vitriol).			
Copperas, cryst., gran., bgs., c.l., works.	ton.	17.00	- —
bbls., c.l., works	ton.	19.00	- —
bbls., l.c.l., 25 or over, works.	100 lbs.	1.45	- —
5-24, works	100 lbs.	1.55	- —
1-4, works	100 lbs.	2.00	- —
bulk, c.l., works	ton.	14.00	- —
Copra, Coast, shipt.	lb.	.0170	Nom.
Coriander seed, Morocco, bgs.	lb.	.04¾	- .05¼
bleached, bgs.	lb.	.07¾	- .08
yolk, bbls.	lb.	.60	- .63
Corn sugar, chipped, bgs., c.l., dlvd, 100 lbs.		2.99	- —
slabs, bbls., c.l.	100 lbs.	2.91	- —
solid, bbls., c. l.	100 lbs.	3.03	- —
Syrup, 42°, bbls., c.l.	100 lbs.	3.02	- —
43° bbls., c.l.	100 lbs.	3.07	- —
Cornsilk, bls.	lb.	.06	- .07
Corrosive sublimate, cryst., dms., 50 lbs. or more.	lb.	1.26	- —
gran., powd., dms., 50 lbs. or more.	lb.	1.11	- —
Cottonroot bark, bls.	lb.	.10	- .11
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd.	unit-ton.	1.00	- —
Coumarin, 5 lbs., or more, 25-lb. cns.	lb.	2.75	- 3.00
5-lb. cns.	lb.	2.85	- 3.10
1-lb. cns.	lb.	3.00	- 3.25
1-oz. cns.	lb.	3.35	- 3.60
less than 5 lbs., cns.	lb.	4.15	- 4.65
Cramp, bark, genuine, bls.	lb.	.20	- .22
so-called, bls.	lb.	.06	- .07
Cranesbill root, bls.	lb.	.13½	- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't,	lb.	.22¾	- —
smaller lots, bbls.	lb.	.23¼	- —
kgs.	lb.	.23¾	- —
Creosote, beechwood, bots.	lb.	.70	- .75
Hardwood, USP, bots.	lb.	.45	- .47
Pine, dms.	gal.	.28	- —
Carbonate, bots., cbys.	lb.	1.40	- 1.75
Oil, crude, tanks, works.	gal.	.13½	- .14½
Coaltar, solution, tanks, works,	gal.	.122	- .132
refd., bbls., l.c.l., works,	gal.	.25	- —
tanks, works.	gal.	.18	- .18½
Cresol, USP, dms., c.l., works.	lb.	.10	- —
l.c.l., same basis.	lb.	.10½	- —
special resin grade, dms., c.l., works.	lb.	.09	- —
l.c.l., same basis.	lb.	.09½	- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd.	lb.	.22	- —
5 and 10 gal. dms., dlvd.	lb.	.25	- —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more.	lb.	.24	- .25
2,000 lbs. to 10,000 lbs.	lb.	.25	- .26
1,000 lbs. to 2,000 lbs.	lb.	.26	- .27
200 lbs. to 1,000 lbs.	lb.	.27	- .28

4% rotenone prices are 4c. per lb. less.

Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.	lb.	.28	- .30
powd., cs.	lb.	.30	- .31
Culver's root, bls.	lb.	.16	- .17
Cumin seed, Algerian, bgs.	lb.	.08¼	- .08⅝
Morocco, bgs.	lb.	No stocks.	
Culver's root, bls.	lb.	.13	- .14
Cutch, Philippine, extract, solid bags.	lb.	.04¼	- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit.	lb.	1.15	- —
Cyanide-chloride, mixture, 45%, gran., dms.	lb.	.10¾	—
lump, dms.	lb.	.09¾	—
75%, gran., dms.	lb.	.15	- —

D

Damiana leaves, bls.	lb.	.14	- .15
Dandelion root, German, bls.	lb.	.13	- .14
Deertongue leaves, bls.	lb.	.10	- .11
Degras, common, dom., bbls.	lb.	.07	- .08
English, bbls.	lb.	.07	- .08
neutral, dom., bbls.	lb.	.10	- .13
English, bbls.	lb.	.10	- .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more.	lb.	.24	- .28
2,000 lbs., to 10,000 lbs.	lb.	.26	- .30
1,000 lbs. to 2,000 lbs.	lb.	.28	- .32
200 lbs. to 1,000 lbs.	lb.	.30	- .34

4% rotenone prices are 6c. per lb. less.

Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Derris, resinate, 75% rotenone, cns.	lb.	10.00	-11.00
30% rotenone, cns.	lb.	5.50	- 6.50
25% rotenone, bulk, cns.	lb.	3.60	- 6.00
15% rotenone, bulk, cns.	lb.	2.10	- 4.25
Devil's club, root bark	lb.	1.50	- —
Dextrin, British gum, c.l., f.o.b. Chicago.	100 lbs.	3.65	- —
l.c.l., f.o.b. Chicago.	100 lbs.	3.75	- —
Corn, canary, bgs., c.l., f.o.b. Chicago.	100 lbs.	3.40	- —
l.c.l., f.o.b. Chicago.	100 lbs.	3.60	- —
white, bgs., c.l., f.o.b. Chicago.	100 lbs.	3.35	- —
l.c.l., f.o.b. Chicago.	100 lbs.	3.55	- —
Potato, import, bgs.	lb.	.07¼	- .08
Diacetone (see under Alcohol).			
Diacetyl, bots.	lb.	10.00	- —
Diamyl ether, dms., c.l., works,	lb.	.085	- —
l.c.l., works	lb.	.092	- —
tanks, works	lb.	.075	- —
Oxalate, dms., l.c.l., works	lb.	.30	- —
Phthalate, dms., c.l., dlvd.	lb.	.19	- —
l.c.l., dlvd.	lb.	.19½	- —
tanks, dlvd.	lb.	.18	- —
Sulphide, dms., l.c.l., works.	lb.	1.10	- —
Diamylamine, dms., c.l., works,	lb.	.47	- —
l.c.l., works	lb.	.50	- —
Diamylene, dms., c.l., works.	lb.	.095	- —
l.c.l., works	lb.	.102	- —
tanks, works	lb.	.085	- —
Diamylnaphthalene, dms., l.c.l., works.	lb.	.20	- —
Diamylphenol (2, 4), dms., c.l., works.	lb.	.17	- —
l.c.l.	lb.	.20	- —
Diatomaceous earth, dom., bgs., c.l., Pacific cst.,	ton.	22.00	-85.00
l.c.l., ex whse.	ton.	45.00	-150.00
import, bgs., c.l., c.i.f.	ton.	30.00	- —
Dibutylamine, dms., c.l., works,	lb.	.50	- —
l.c.l.	lb.	.52	- —
Dibutyl ether (see Ether, butyl).			
Dibutyl phthalate, dms., c.l., dlvd.	lb.	.19	- —
l.c.l., dlvd.	lb.	.19½	- —
tanks, dlvd.	lb.	.18	- —
cns., works	lb.	.23½	- .25½
Sebacate, dms., wks.	lb.	.45	- —
Tartrate, dom., dms.	lb.	.50	- —
Dicalcium phosphate (see Calcium phosphate, dibasic).			
Dichlorethyl ether, dms., c.l., works.	lb.	.15	- —
l.c.l., works	lb.	.16	- —
tanks, works	lb.	.14	- —
Dichloropentane, dms., c.l., works,	lb.	.0321	- —
l.c.l.	lb.	.04	- —
tanks	lb.	.025	- —
Diethanolamine, dms., c.l., works,	lb.	.24	- —
l.c.l., works	lb.	.25	- —
tanks, works	lb.	.23	- —
Diethyl carbonate, coml., dms.	lb.	.25	- —
refd., 99%, dms.	lb.	.35	- —
Carbinol (see Carbinol).			
Phthalate, dms., c.l., frt. alld.	lb.	.19	- —
l.c.l.	lb.	.19½	- —
tanks	lb.	.18	- —
Sulphate, dms., c.l., works.	lb.	.13	- —
l.c.l., works	lb.	.14	- —
tanks	lb.	.12	- —
Diethylanilin, dms.	lb.	.40	- —
Diethyleneglycol, dms., c.l., works,	lb.	.16	- —
l.c.l., works	lb.	.17	- —
Monobutylether, dms., works.	lb.	.23	- .24
Monoethylether, dms., c.l., works.	lb.	.15	- —
l.c.l., works	lb.	.16	- —
tanks, works	lb.	.14	- —
Digitalis leaves, dms.	lb.	.37	- .38
Diglycol laurate, c.l.	lb.	.16	- —
Oleate, light, bbls., c.l.	lb.	.13	- —
Stearate, bbls., c.l.	lb.	.20	- —
Di-isobutyl ketone, dms., works,	lb.	.19	- —
Dillseed, recleaned, bgs.	lb.	.09	- .09½
Dimethyl phthalate, dms., c.l., dlvd.	lb.	.18½	- —
l.c.l., dlvd.	lb.	.19	- —
tanks, dlvd.	lb.	.17½	- —
Dimethylamine, dms., c.l., dlvd.,	lb.	1.00	- —
l.c.l., dlvd.	lb.	1.05	- —
Dimethylanilin, dms., c.l.	lb.	.23	- —
l.c.l., dms.	lb.	.24	- —
Dimethylethyl carbinol (see Carbinol)			
Dinitrobenzene, bbls., 80° min.,	lb.	.18	- —
Dinitrochlorobenzene, dms.	lb.	.14	- —
Dinitronaphthalene, kgs.	lb.	.35	- .39
Dinitrophenol, bbls.	lb.	.22	- —
Dinitrotoluene, dms.	lb.	.15½	- —
oily, dms.	lb.	.09	- —
Diorthotoluolguanidins, dms., 2,000 lbs. or over, dlvd.	lb.	.44	- —
600-1,950 lbs., dlvd.	lb.	.46	- —
150-450 lbs., dlvd.	lb.	.47	- —
Dioxan, dms., c.l., frt. alld.	lb.	.20	- —
l.c.l., same basis	lb.	.21	- —
tanks, same basis	lb.	.19	- —
Dip oil (see Tar acid oil).			
Dipentene, dms.	gal.	.47	- .50
tanks	gal.	.41	- —
Diphenyl, bbls., c.l., works.	lb.	.15	- —
l.c.l., works.	lb.	.16	- .20
Oxide, perfume grade, cns.	lb.	.50	- .55
Diphenylamine, bbls.	lb.	.31	Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.35	- —
600-1,950 lbs., dlvd.	lb.	.36	- —
150-450 lbs., dlvd.	lb.	.37	- —
Diphenylmethane, bots.	lb.	1.40	- 3.00
Disodium phosphate (see Soda phosphate, dibasic).			
Divi-divi extract, bbls.	lb.	.06¾	- .08¾
Doggrass root, cut, bls.	lb.	.11	- .12
Dogwood, bark, Jamaica, bls.,	lb.	.06	- .07
Dover's powder, USP, cns.	lb.	2.75	- 2.80
Dragon's blood, mass, cs.	lb.	.65	- .85
reeds, thin, cs.	lb.	.80	- .85
Duboisine sulphate, vis.	oz.	34.50	-35.00

Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—

Blue:—

Brilliant blue FCF, cans.	lb.	13.50	—
1180 Sodium indigo disulphonate, cns.	lb.	13.50	—

Green:—

Fastgreen FCF, cns.	lb.	27.50	—
666 Guinea green B., cns.	lb.	13.50	—
670 Light green SF, yellowish, cns.	lb.	17.50	—

Red:—

184 Amaranth, cns.	lb.	3.15	—
773 Erythrosin, cns.	lb.	17.50	—
80 Ponceau 3R, cns.	lb.	6.00	—
Ponceau 3X, cns.	lb.	5.75	—

Orange:—

150 Orange 1, cns.	lb.	2.90	—

Yellow:—

10 Naphthol yellow S, cns.	lb.	8.50	—
Sunset yellow FCF, cns.	lb.	8.15	—
640 Tartrazin, cns.	lb.	3.15	—
22 Yellow AB, cns.	lb.	2.65	—
61 Yellow OB, cns.	lb.	2.65	—

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—

36 Chrome yellow 2G	lb.	.65	- .70
40 Chrome yellow R	lb.	.50	- 1.00
53 Victoria violet	lb.	.80	- 1.00
165 Lake red C	lb.	.95	- 1.00
176 Fast red A	lb.	.60	- .75
180 Fast red VB	lb.	1.50	- 1.65
189 Lake red R, paste	lb.	.85	- .90
189 Lake red R, powdered	lb.	3.00	- 3.10
202 Chrome blue black U	lb.	.32	- .40
204 Chrome black A	lb.	1.75	- 2.00
208 Fast red blue R	lb.	.75	- 2.00
216 Chrome red B	lb.	1.75	- 2.00
262 Cloth red 2B	lb.	.60	- .80
289 Fast cyanin 5R	lb.	.90	- 1.00
299 Chrome black F	lb.	.60	- .65
307 Fast cyanin black B	lb.	.80	- .85
326 Direct cast scarlet	lb.	2.00	- 2.25
304 Paper yellow	lb.	.83	- .90
365 Chrysophenin G	lb.	.58	- .70
394 Direct violet N	lb.	1.25	- 1.30
382 Direct scarlet B	lb.	1.50	- 1.75
387 Direct violet B	lb.	1.00	- 1.30
401 Developed black BHN	lb.	.50	- .75
406 Direct blue 2B	lb.	.25	- .80
415 Direct orange R	lb.	.60	- .70
419 Direct fast red F	lb.	.75	- .85
420 Direct brown M	lb.	1.00	- 1.10
449 Benzo purpurin 4B	lb.	.40	- .42½
495 Benzo purpurin 10B	lb.	.40	- .50
502 Direct azurin G	lb.	.75	- .80
512 Direct blue RD	lb.	.80	- 1.00
518 Direct pure blue 6B	lb.	1.10	- 1.25
520 Direct pure blue	lb.	.50	- 1.00
529 Direct fast, black, FF	lb.	.55	- 1.00
581 Direct black EW	lb.	.25	- .50
582 Direct black RX	lb.	.35	- .45
593 Direct green B	lb.	.75	- .80
594 Direct green G	lb.	1.00	- 1.05
606 Direct brown 2GO	lb.	.35	- 1.00
620 Direct yellow R	lb.	1.25	- 1.50
698 Acid violet	lb.	1.00	- 8.00
813 Primulin	lb.	.50	- .53
814 Direct fast yellow	lb.	2.00	- 2.25
845 Nigrosin(water soluble)	lb.	.35	- .50
1177 Indigo, 20 p. c. paste	lb.	.15	- .18
Benzo fast black L	lb.	.90	- 1.00
Sulphur black	lb.	.20	- .25
Sulphur blue	lb.	.40	- 1.00
Sulphur brown	lb.	.25	- .50
Sulphur maroon	lb.	.40	- —
Sulphur olive	lb.	.25	- .54
Sulphur tan	lb.	.30	- .50
Sulphur yellow	lb.	.30	- .50
Zambesi black	lb.	.75	- .80

Dyes, coaltar, for stains (numbers are those of Colour Index scale)

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—

865 Nigrosin derivatives.	lb.	.42	- —

Blue:—

1075 Alizarin astrol base.	lb.	15.00	- —
1078 Alizarin cyanin green base.	lb.	6.00	- —
729 Victoria blue	lb.	.75	- —

Browns:—

Brown	lb.	1.15	- —

Green:—

1078 Alizarin cyanin green.	lb.	5.00	- —
.... Green	lb.	.75	- —

Orange:—

24 Sudan I	lb.	.70	- —
.... Orange, red shade.	lb.	.75	- —

Red:—

76 Sudan II	lb.	1.05	- —
258 Sudan IV	lb.	.95	- —
749 Rhodamine B (oil pink)	lb.	2.50	- —
1080 Anthroquinone violet base.	lb.	6.00	- —
480 Oil violet	lb.	.50	- —

Yellow:—

15 Amidoazobenezene yellow.	lb.	.90	- —
17 Amidoazotoluene yellow.	lb.	.75	- —
61 Yellow OB	lb.	1.40	- —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or ware house).

Black:—

864 Nigrosin	lb.	.40	- —

Blue:—

729 Victoria blue	lb.	2.55	- —
860 Indutin	lb.	.70	- —

Brown:—

331 Bismarck brown	lb.	1.50	- —

Green:—

637 Malachite green base.	lb.	2.00	- —

Orange:—

20 Chrysoidin G	lb.	.95	- —
21 Chrysoidin R	lb.	.95	- —

Red:—

677 Fuchsin, magenta base.	lb.	7.25	- —
749 Rhodamine B	lb.	4.75	- —

Yellow:—

67 Amidoazotoluene yellow.	lb.	.75	- —
655 Auramine	lb.	2.00	- —
800 Chinolin yellow SS	lb.	2.00	- —

Violet:—

680 Methyl violet	lb.	.70	- —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—

246 Naphthol blue black S.	lb.	.30	- —
865 Nigrosin	lb.	.20	- —
873 Methylene gray	lb.	1.90	- —

Dyes, coaltar, for stains (numbers are those of Colour Index scale)

Blue:—

714 Patent blue A	lb.	1.45	- —
729 Victoria blue B	lb.	2.00	- —
861 Indulin	lb.	.97	- —
909 New blue R	lb.	1.30	- —
922 Methylene blue	lb.	1.00	- —
1054 Alizarin saphirol B.	lb.	1.90	- —
1180 Indigotin IA	lb.	.85	- —

Brown:—

234 Resorcin brown Y	lb.	.95	- —
235 Resorcin dark brown R	lb.	.66	- —
231 Bismarck brown G.	lb.	.52	- —
332 Bismarck brown R.	lb.	.37	- —
793 Phosphin	lb.	4.65	- —

Green:—

5 Naphthol green B	lb.	1.00	- —
657 Malachite green	lb.	1.35	- —
662 Brilliant green	lb.	2.00	- —
666 Guinea green B	lb.	1.15	- —
737 Wool green S	lb.	.58	- —
924 Methylene green B.	lb.	1.55	- —
1078 Alizarin cyanin green.	lb.	2.35	- —

Orange:—

10 Chrysoidin G	lb.	.40	- —
21 Chrysoidin R	lb.	.37	- —
27 Orange G	lb.	.50	- —
151 Orange Y	lb.	.30	- —
161 Orange R	lb.	.24	- —

Water-soluble:—

Red:—

31 Amidonaphthol red G.	lb.	.42	- —
87 Amidonaphthol red 6B.	lb.	.68	- —
79 Popceau R	lb.	.48	- —
88 Fast red B	lb.	1.05	- —
176 Fast red A	lb.	.84	- —
179 Azorubin	lb.	.52	- —
183 Crocein scarlet 3BX.	lb.	.60	- —
185 Cochineal red A	lb.	.60	- —

Water-soluble:—

Red:—

253 Brilliant crocein 3B	lb.	.68	- —
677 Fuchsin	lb.	2.10	- —
749 Rhodamine B	lb.	3.50	- —
752 Rhodamine 6G	lb.	4.50	- —
768 Eosin G	lb.	1.50	- —
841 Safranin	lb.	1.45	- —

Water-soluble:—

Violet:—

680 Methyl violet B	lb.	.75	- —
681 Crystal violet C	lb.	1.75	- —
696 Acid violet 4BN	lb.	.88	- —

Yellow:—

10 Naphthol yellow S.	lb.	.88	- —
138 Metanil yellow	lb.	.53	- —
616 Fast light yellow	lb.	1.25	- —
639 Xylene light yellow.	lb.	1.15	- —
640 Tartrazin	lb.	.80	- —
655 Auramine	lb.	1.37	- —

Dyes, natural (see name of article).

E

Echinacea root, bls.	lb.	.16	- .17
Egg albumen (see Albumen).			
yolk, bbls.	lb.	.60	- .63
Elder flowers, bright, bls.	lb.	.20	- .22
Elecampane root, bls.	lb.	.10	- .11
Elm bark, grinding, bls.	lb.	.10	- 11
powd., bbls., bxs.	lb.	.20	- .21
select, bndls.	lb.	.24	- .25
Emetine hydrochloride, bots.	oz.	13.50	-14.00
Ephedra, bls.	lb.	.09½	- .10
Ephedrine, tins, 1,000 ozs.	oz.	2.15	- —
tins, 100 ozs.	oz.	2.25	- —
Hydrochloride, tins, 1,000 ozs.,	oz.	1.50	- —
tins, 100 ozs.	oz.	1.60	- —
Sulphate, cryst., 1,000 ozs.	oz.	1.50	- —
tins, 100 ozs.	oz.	1.60	- —
Epsom salt, tech., bgs.	100 lbs.	1.80	- —
bbls.	100 lbs.	1.90	- —
USP, cryst., dom., bgs., c.l.,	100 lbs.	2.00	- —
l.c.l., 5,000 lbs., 1 withdrawal.	lb.	2.25	- —
smaller lots	lb.	2.50	- —
bbls., c.l.	lb.	2.10	- —
l.c.l., 5,000 lbs., 1 withdrawal.	lb.	2.35	- —
smaller lots	lb.	2.60	- —
kgs., c.l.	lb.	2.35	- —
l.c.l., 5,000 lbs., 1 withdrawal.	lb.	2.60	- —
smaller lots	lb.	2.85	- —
dried, dom., bgs., l.c.l.	lb.	.08	- .10
Ergot, USP, cns., dms.	lb.	1.35	- 1.40
Eserine, bots.	oz.	42.00	- —
Salicylate, bots.	oz.	33.00	-34.00
Sulphate, bots.	oz.	30.00	- —
Ether, acetic (see Ethyl acetate)			
Butyl, dms., c.l., dlvd.	lb.	.24½	- —
l.c.l., dlvd.	lb.	.25	- —
cns.	lb.	.28	- .31
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bots., 100 lbs.,	lb.	.08	- —
Sulphuric, conc., dms., 120 lbs.,	lb.	.09	- —
cns., 27 lbs.	lb.	.14	- —
synth., dms., c.l., works.	lb.	.08	- —
l.c.l., works.	lb.	.09	- —
USP, anesthosia, dms., 27 lbs.,	lb.	.26	- —
USP, 1880, dms.	lb.	.39	- .40
washed, dms.	lb.	.37	- .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld.	lb.	.061	- —
l.c.l., frt. alld.	lb.	.066	- —
tanks, frt. alld.	lb.	.051	- —
95-98%, dms., c.l., frt. alld.	lb.	.0685	- —
l.c.l., frt. alld.	lb.	.0735	- —
tanks, frt. alld.	lb.	.0585	- —
Acetate, N. F., VI, 99%, dms., 400 lbs.	lb.	.08	- —
cns., 35 lbs.	lb	.12	- .13
USP, VIII, 90%, dms., 460 lbs.,	lb.	.07	- —
cns., 35 lbs.	lb.	.12	- —
Acetoacetate, dms., c.l., works,	lb.	.27½	- —
l.c.l., dms., works.	lb.	.28	- —
Bromide, tech., dms.	lb.	.50	- .55
Caproate, cns.	lb.	1.00	- —
Chloride, dms.	lb.	.18	- .20
Cinnamate, cns.	lb.	3.20	- 4.00
Crotonate, 55 and 110 gal. dms., dlvd.	lb.	.33	- —
5 and 10 gal. dms., dlvd.	lb.	.36	- —
Formate, cns., dms.	lb.	.23	- .24
Iodide, bots.	lb.	5.01	- —
Lactate, 55-gal. dms., works.	lb.	.33½	- —
5-gal. dms., works.	lb.	.37½	- —
Oxalate, dms., frt. alld.	lb.	.25	- —
Silicate, l.c.l., dms., works.	lb.	.77	- —
Vanillin, 25 lbs. lots., cns.,	lb.	5.25	- —
5 lb. lots	lb.	5.30	- —
1 lb. lots, cns.	lb.	5.40	- —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld.	lb.	.48	- —
contracts, frt. alld.	lb.	.47	- —
100 lbs., frt. alld.	lb.	.50	- —
smaller lots, works.	lb.	.55	- —
Ethylene bromide, dms.	lb.	.65	- .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0545	- .0650
West of Rockies, same basis.	lb.	.0595	- .06
l.c.l., works, E. of Rockies, frt. alld.	lb.	.0644	- .0650
West of Rockies, same basis.	lb.	.0694	- .07

Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms. .....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .07 - .08
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -18.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07¾- .08¼
Indian, bgs. .....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs. .....lb. .12 - .13
Fenugreek seed, bgs.....lb. .03⅞- .04¼
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .10 - —
smaller lots, works..lb. .11 - —
light, cs., 1,000 lbs. or over, works..lb. .11 - —
smaller lots, works..lb. .12 - —
water white, cs., 1,000 lbs., or over, works..lb. .12 - —
smaller lots, works...lb. .13 - —
Fir balsam, Canada ,cns....gal.10.50 -11.00
Oregon, bbls.....gal. 1.05 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.52.00 -55.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt..ton.48.50 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .11¾- .12
Indian, blonde, bgs.....lb. .07 - .07½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton.31.50 Nom.
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton.19.00 Nom.
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 Nom.
imported, 85% not over 5% duty paid..ton.23.50 Nom.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l. works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .10 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .12½- .14
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .22 - —
Gambier, common, cases.....lb. .06¾ Nom.
plantation, cases .....lb. .08¼- .09
Cubes, Singapore, cases....lb. .08½- .09
Extract, bbls. .....lb. .06½- .09¼
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06⅛- —
65 octane and above, tanks, gal. .06 - .06¼
California, 54-58, tanks...gal. .06½- .08
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04⅞
60-62, 390 e.p., bulk, export, gal. .04¾- .04⅞
60-62, 400 e.p., bulk, export, gal. .04¾- .04⅞
64-66, 375 e.p., bulk, export, gal. .04⅞- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
63-66 octane, tanks....gal. .04¼- .04½
67-69 octane, tanks....gal. .04½- .04¾
70-72 octane, tanks....gal. .04⅞- .05⅛
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .03¼- .03½
third grade, tanks..gal. .04
63-66 octane, tanks....gal. .03⅞- .04
67-69 octane, tanks....gal. .04⅛- .04¼
70-72 octane, tanks....gal. .04⅜- .04⅝
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03⅜- —
18-lb. v.p., tanks.....gal. .02⅝- .02⅞
22-lb. v.p., tanks.....gal. .02¾- —
26-70 lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks.. gal. .04¼- .04¾
65 octane, tanks.....gal. .06¼- —
52-56 450 e.p., naphtha, tanks..gal. .04¾- .05
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07½- .08
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .05¾- .06¼
Cochin, lemon, bgs.....lb. .06 - .06½
Jamaica, bold, bgs.....lb. .15 - .15½
grinding, bright, bgs....lb. .09 - .09¾
medium, bgs.....lb. .09½- .10
Japanese, bgs.....lb. .06 - .06½
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb.10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (See Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works.. 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs. .....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
36/58, bgs., c.l., dlvd....lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
58/82, bgs., c.l., dlvd....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
82/108, bgs., c.l., dlvd...lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251,bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283,bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
Glue, hide, calcimine type, 113/347, bgs., c.l., same basis, lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —

Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd..lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks .....lb. .08¾- —
for refiners, dms., returnable, tanks, dlvd..lb. .08½- .08¾
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07½- .07¾
Glycol boriborate, dms.....lb. .23 - —
Phthalate, dms.....lb. .39 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots.. oz.13.00 - —
U.S.P. IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs....lb. .12 - .12½
Goldenseal root, bls.....lb. 2.75 - 2.80
powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .55 - .60
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —

Ethyleneglycol—Green, Chrome

Graphite, powd., amorph., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works lb. .02½- —
65% graphitic carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04½- .04⅞
White, trcs. .....lb. .05½- .05¾
Yellow, trcs. .....lb. .04½- .04⅞
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ¼c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Prices per lb. — carloads

	Old Price	New Price
GLYCERYL OLEATE	20¢	13¢
GLYCERYL MONORICINOLEATE	24¢	19¢
GLYCERYL MONOSTEARATE	23¢	18¢
DIGLYCOL LAURATE	22¢	16¢
DIGLYCOL LAURATE (neutral)	23¢	17¢
DIGLYCOL OLEATE	20¢	13¢
DIGLYCOL STEARATE	24¢	20¢
PROPYLENE GLYCOL STEARATE	28¢	22¢

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Green, Chrome—Gum, Thus

Green, chrome, reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis. lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12½- —
36-40%, bbls., same basis.lb. .14½- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome oxide, dom., pure, bbls. lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Chrome, tetrahydroxide, bbls.lb. .35 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .75 - .80
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.00 - 1.05
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09 - .09¼
white sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white powd., bbls.....lb. .12½- .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .17 - .18
Camphor (see C).
Chicle, prime, 35% moisture, bgs., ton lots..lb. .38 - .39
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17½- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¾- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07¼- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17¼- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .14¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .06¼- —
21, ordinary selected nubs, c.l., same basis..lb. .06¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .11¾- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs, bgs., c.l., same basis..lb. .09¼- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .06 - —
dust, bgs.,c.l.,same basis.lb. .03¼- —
nubs, bgs., c.l., same basis, lb. .10 - —
Manila, Bocas, amber and dark, bekts., c.l., same basis..lb. .11½- —
light, bekts., c.l., same basis..lb. .13¾- —
Loba A, bekts., c.l., same basis..lb. .10½- —
B, bekts.,c.l.,same basis.lb. .10¼- —
C, bekts., c.l., same basis. lb. .09¾- —

Gum, copal, Manila, Loba, CNE, bskts.,c.l.,same basis..lb. .06 - —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .06 - —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts.,c.l., same basis, lb. .05¼- —
Sambas and white split chips, bskts, c.l., same basis..lb. .14¾- —
Singapore, dust., bskts., c.l., same basis..lb. .05 - —
spirit-soluble, CBB, bskts., basis..lb. .08¼- —
DBB, bskts., c.l., same basis..lb. .07¾- —
MA, bskts., c.l., same basis, lb. .05¾- —
MB, bskts., c.l., same basis, lb. .05¾- —
WS, bskts., c.l., same basis, lb. .07¾- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¼- —
chips, pale, bskts., c.l., same basis..lb. .03½- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .06¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .14 - —

Gum, copal, Pontianak, ships, bgs., c.l., same basis..lb. .07¾- —
split, bgs., c.l., same basis, lb. .13½- —
nubs, bgs., c.l., same basis. lb. .11 - —
Dammar, Batavia, A, cs., c.l., same basis as copal.lb. .20 - —
A/D, cs., c.l., same basis.lb. .14½- —
A/E, cs., c.l., same basis.lb. .12¾- —
B, cs., c.l., same basis..lb. .18½- —
C, cs., c.l., same basis....lb. .14¾- —
D., cs., c.l., same basis....lb. .13½- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .14¾- —
2, cs., c.l., same basis....lb. .10¾- —
3, cs., c.l., same basis....lb. .05¼- —
chips, cs., c.l., same basis.lb. .09¼- —
dust., cs., c.l., same basis, lb. .05¼- —
seeds, cs., c.l., same basis, lb. .07½- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06½
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l. .....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½

Gum, ester, dms., dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l...lb. .07 - .07½
l.c.l., same basis.....lb. .07½- .07¾
Euphorbium, cs. .....lb. .22 - .23
Galbanum, cs. .....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .55 - .60
powd., bbls.....lb. .60 - .65
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .23 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis. lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 Nom.
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .42 - .50
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs. .....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .15 - .19
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs. .....lb. .09¼- .09½
Talha, bgs. .....lb. .07½- .08
Thus, bbls. .....280 lbs.14.50 -14.75

LIFE... ON THE

ANNUAL EVENT is the banquet of the Drug, Chemica and Allied Trades Section of the New York Board o Trade. For 1939, the date is Thursday, March 9th the place, the Waldorf-Astoria Hotel, New York; an the purpose, to mix equal parts of good will, public confidence and mutual cooperation.

AN ODOR HAS ITS PICTURE TAKEN. By spreading odor particles into layers one molecule thick, science has succeeded in visibly detecting quantities too smal to tip the most sensitive balance. Photo below record the "fragrance" of a rose petal. The pattern is obtaine by floating the petal or source of odor on mercury coate with talc. The emanating odor repels the talc, yield ing a growing spot of clear mercury. This method o odor determination is expected to find application i many fields of chemical research as well as the aro matic and perfumery fields.

CYANAMID RESEARCH PRODUCES DEPILIN* Unhairin Compound, a new unhairing agent for the tannin industry which gives exceptionally clean unhaire stock, and, because it causes complete penetratio and maximum absorption of the lime, produces a full leather with an excellent break and fine grain. Phot shows hair in the process of being scraped from the hid

American

Gum, tragacanth, Alleppo 1, cs.lb. 2.25 - 2.35
2, cs. ..... lb. 1.90 - 1.95
3, cs. ..... lb. 1.60 - 1.65
flake, bgs. ..... lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .11½- .12
Helonias root bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .18 .20
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02½- —
Hempseed, Manchur, bgs.....lb. .05¼- .05½
Henbane leaves, bls.....lb. .14½- .15
Henna leaves, bls.....lb. .07½- .08
powd., bbls.. bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 88-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C...lb. .32 - —
150 to 1,350 lbs. shipments, same basis..lb. .33 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
100 to 400 lbs., shipments, same basis..lb. .39 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.75 - —
Hops, N. F., DIS.....lb. .20 - .22
Horehound, bls.....lb. .08½- .09
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz. .....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz. .....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns.. works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04 100 vols., cbys., E.ofMiss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls. .....lb. .13 - —

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½ .19
powd., bbls.....lb. .74½ - .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .17 - .21
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., divd....lb. .03 - —
l.c.l., divd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms .....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equld..lb. .06 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07¼- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06¼- .07
djns .....lb. .07¼- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, U.S.P., cryst., bbls., 275 lbs..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .43 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .061 - —
l.c.l., same terms.....lb. .066 - —
tanks, same terms.....lb. .051 - —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..gal. .40 - —
l.c.l. .....gal. .35 - —
tanks .....gal. .28 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04 - .05

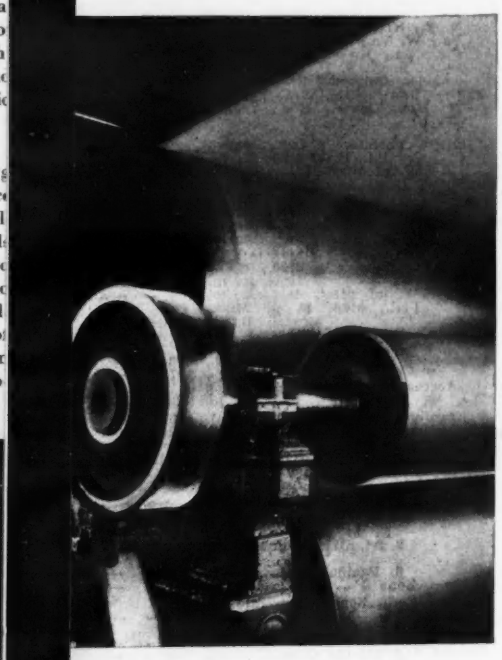
K

Kamala, tins .....lb. .21 - .22
Kaolin (see China clay).
Kava kava root, bls.....lb. .12½- .13
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03⅞- .04⅛
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w, bulk..gal. .04 - .04⅝
Oklahoma-Texas, 41-43 w.w tanks..gal. .03⅞- .04⅛
42-44 w.w., tanks.....gal. .04⅛- .04¼
Pennsylvania, 45 w.w., tanks. gal. .04⅝- .04⅞
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04⅞- .05⅛
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .09 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans.....gal. .11 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-25% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .40 - .41
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.00 - 7.25
Middlewestern, trcs....100 lbs. 7.00 - 7.10
Neutral, trcs. .....100 lbs. 8.00 - 8.25
Western, choice, trcs..100 lbs. 7.00 - 7.10
Compound, trcs.....lb. 8.75 - 9.00
Larkspur seed, bgs.....lb. .27 - .28

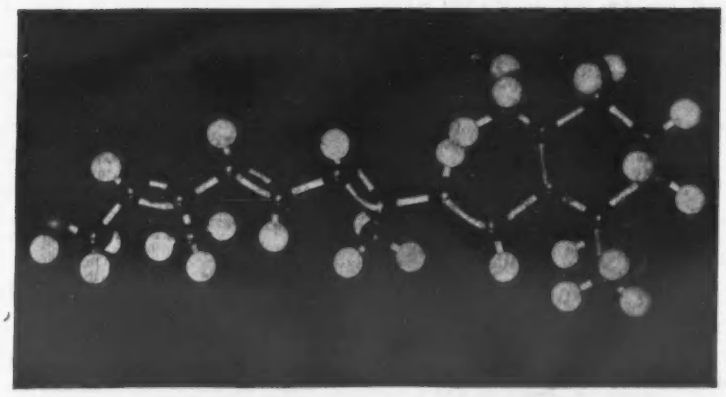
CHEMICAL NEWSFRONT



WS FOR THE PAPER INDUSTRY is the addition Cyanamid's list of paper chemicals of DRY SO-UM ALUMINATE, helpful in the solution of siz- and filler retention problems. In principle, So-m Aluminate is alumina combined with caustic la (whereas Alum is alumina combined with sul-uric acid). To the paper chemist, in many in-nces, its use will serve as a corrective measure in rcoming a deficiency in alumina. Photo shows et leaving the last drier on way to calender stack.

$_{30}H_{30}O$ IS VITAMIN A. Handicapped in research- by impure concentrates of Vitamin A, Dr. Harry Holmes of Oberlin College has succeeded in iso-ing the pale yellow, needle-shaped crystals of pure compound which are so fugitive they have be kept on dry ice to prevent them from melting ay. With this achievement it has been possible determine the substance's composition which is strated by the model shown here. The black balls resent carbon atoms, the white balls the hydrogen ms, and the single gray ball the oxygen atom.
ade-mark

IS THERE A GOLFER IN THE HOUSE? With a new process of ultra speed photography, utilizing an intense stroboscopic light source to time 1/100,000 second exposures, the recently established research department of A. G. Spalding & Bros. goes to work. Photo shows the inimitable Bobby Jones in a full drive. Time between images is 1/100 second; of each exposure 1/100,000 second. Measurements indicate club head was traveling 166 ft. per second prior to impact; 114 ft. per second after impact; ball left club at rate of 225 ft. per second.



Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Laurel—Methylene Blue

Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .03¾- .04¼
Lavender flowers, ordinary, bls.lb. .26 - .28
select, bls.....lb. .34 - .35
extra select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11¼- —
Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd., E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .076 - —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, etc.....lb. .08¼- —
Ariz., etc.....lb. .09 - —
Ohio., etc.....lb. .08¾- —
other points.....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc. lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd., Ala., etc...lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08¼- —
96%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0810- —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 15%, bbls...lb. .09½- —
pale, bbls. .....lb. .11¼- —
precip., bbls. .....lb. .16¼- —
Stearate, bbls. .....lb. .22 - .25
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., works, frt. alld..lb. .10¼- —
smaller lots, works, frt. alld..lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers..lb. .11¾- —
dealers .....lb. .09¾- —
painters .....lb. .10¾- —
lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60
Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .26
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 9.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b., Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
La Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa...ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
3ms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08¼- .09½
dms., same basis.....lb. .13 - —
solution, zone 1, dms., consumer. gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .16
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks, except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10¼- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers.....gal. .08½- —
30-50 dms.....gal. .11 - .15
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.
Linalool, cns.....lb. 2.10 - 2.30
Linalyl acetate, cns., 25 lbs...lb. 1.85 - 2.25
Linden flowers, with leaves, bls.lb. .27 - .28
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.29.00 -29.50
Meal, 34%, dm., bgs.....ton.41.00 -41.50
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0660- —
dlvd., other points....lb. .0635- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07½- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
Lithopone, bbls., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .21 - .22
Lobelia herb, bls.....lb. .11 - .12
Seed, bgs.....lb. .34 - .35
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .35 - .36
import, bls.....lb. .40 - .45
Lupulin, N. E., tins.....lb. 1.50 - 1.55
Lycopodium, cs.....lb. .93 - .95

M

Mace, Banda, cs.....lb. .49 - .50
Batavia, cs.....lb. .33½- .33¾
Siauw, 1, cs.....lb. .46 - .47
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts. frt. alld., including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.
Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., whs.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots .....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .35 - .45
blue, bls.....lb. .35 - .45
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .17 - .18
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.... .....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton49.25 - —
l.c.l., 5 tons, works..ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —
84-87% bgs., 28-40 tons, wks. ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
300-600 lbs., wks....ton.72.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.30.00 -32.00 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, $MnSO_4$, bgs., c.l., dlvd, South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bxs., shipt...ton.23.25 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs. .....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb. 1.15 - 1.20
commercial, cryst., bbl., ton lots..lb. .49 - —
smaller lots .....lb. .62 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16 - .16½
Tunisan, bls.....lb. .15 - .15½
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs....lb. 3.00 - 3.10
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs. .....lb. 1.70 - —
Chloride (see Calomel).
Mercury, iodide, red, N. F., bots., 5 lbs..lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
fib., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.80 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.68 - —
Nitrate ointment (see Citrine ointment).
Mercury oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.41 - —
USP, fib. dms., 50 lbs. or more..lb. 1.93 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅛ in.....pkg.22.50 -23.00
3⅜x5⅛ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroaniliin, kgs. .....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs. ...lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .40 - —
97%, tanks .....gal. .32 - —
95%, tanks .....gal. .31 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.
pure, synth, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40¼- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
Tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36¼- —
4, frt. alld.....gal. .37 - —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .07¼- —
W. of Miss. R.....lb. .08¼- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .07¾- —
W. of Miss. R.....lb. .08¾- —
tanks, dlvd., E. of Miss. R. lb. .06¼- —
W. of Miss. R.....lb. .07¼- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks....gal. .25 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.
Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies....gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho. Ore., Utah, Wash., N. Mex.
Methyl alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformily 10c. per pound higher than above prices.
Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis. lb. .28 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22

Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same baeis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04½- —
l.c.l., ex-whse., or frt. all., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld. E., lb. .04 - —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l.....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l.....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l.....lb. .16½- —
spray, bbls., c.l.....lb. .16½- —
l.c.l.....lb. .17½- —
Millet seed, yellow, bgs.....lb. .0350- .0375
early fortune, bgs.....lb. .0250- .0300
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 95% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l. .....lb. .65 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniliu, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate. dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs. .....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs. .....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .78 - .80
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb. .....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb. .....lb. 1.25 - —
Musk root, bls.....lb. .11 - .14
Mustard seed, Bombay, brown, bgs..lb. .03¾- .04¼
California, brown, bgs.....lb. .06¼- .06⅝
Chinese, yellow, bgs.....lb. .05⅝- .08½
Danish, yellow, bgs.....lb. .08¼- .08½
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .08 - .08½
Roumanian, yellow, bgs....lb. .05⅝- .06
Myrobalans, J1, bgs., shipt..ton.25.00 - —
J2, bgs., shipt.....ton.17.00 - —
R2, bgs., shipt.....ton.17.25 - —
Extract, liquid, 25%, bbls....lb. .03¾- —
solid, 50% bbls.....lb. .04¼- —
powdered, 70% bbls.....lb. .05 - —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works.. 100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - 2.85
import, bgs., Atl. port.100 lbs. 1.50 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05⅝- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
Chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05⅝- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitreake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammom., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd.....unit-ton. 2.20 - —
f.o.b. Chemical, Ill., unit-ton. No prices
East Coast producing points..unit-ton. 2.45 Nom.
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.45 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Aleppo, bgs., cs....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19 - .19½
110s, bgs., cs.....lb. .16½- .16⅝
West Indian, bgs.....lb. .09¼- .09½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾ —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.30
s.p.a., bots.....lb. 2.40 - 2.45
sweet, true, exp., cns.....lb. .62 - .63
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.45.00 -52.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .67 - .70
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06 Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.20 - 1.25
53-60% phenols, cns.....lb. 1.30 - 1.35
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.65 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns.....lb. .60 - .63
Bois de rose, Brazil, cns.....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .42 - .45
USP IX, cns.....lb. .48 - .50
Calamus, cns.....lb. 5.50 - 6.00
Camphor, sassafrassy, cns...lb. .30 Nom.
dms. .....lb. .27 Nom.
white, cns.....lb. .30 Nom.
dms. .....lb. .27 Nom.
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns.....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 1.85 - 2.05
Caraway, USP, cns.....lb. 1.80 - 1.85
Cardamom, bots.....lb.15.00 -27.00
Cassia, USP, cns., dms.....lb. .95 - 1.00
l.c.l. .....lb. .12 - —
Medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ...lb. .09½- —
l.c.l. .....lb. .10¼- —
Castor medicinal (5-gal.), l.c.l..lb. .11½- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l.....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08¼- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .06½- .06⅝
l.c.l. .....lb. .07½- .08⅛
75% (63% fat), dms., c.l..lb. .08⅝- .09⅜
l.c.l. .....lb. .09⅛- .10⅜
80% (68% fat), dms., c.l..lb. .09⅜- .10⅝
l.c.l. .....lb. .10⅜- .10⅝
Cedarleaf, cs. .....lb. .63 - .68
dms. .....lb. .56 - .58
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .18½- .28
Celery, bots.....lb. 7.50 - 8.75
Chaulmoogra, USP, cns., 500 lbs., lb. .72½- —
25 lbs. .....lb. .75 - —
Oil, chinawood, dms.....lb. .14¾ Nom.
tanks .....lb. .1420- .1430
Cinnamon, Ceylon, bots.....lb. 8.50 -25.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .34 - .35
dms. .....lb. .32 - .33
Java, cns., dms.....lb. .27 - .28
Clove, makers, USP, cns.....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .03 - —
Pac. Cst. .....lb. .02⅝- .02¾
edible, 76°, tax incl., dms., (returnable), c.l..lb. .08½- —
l.c.l. .....lb. .09½- —
tanks .....lb. .07¼- —
Cod, Newfoundland, shipt., untanked..gal. .30 Nom.
Norwegian, shipt., bbls...gal. .26 - .28½
Codliver, med., U.S.P., Norwegian, bbls..bbl.25.00 -26.00
Coriander, bots.....lb.13.50 -20.00
Corn, crude, tanks, works...lb. .06 - .06¼
refd., bbls. .....lb. .08¾- .09
Cottonseed, domestic cooking bbls..lb. .08½- —
salad, bbls. .....lb. .08¾- —
import, Brazilian, semi-refd., bulk..lb. .0380 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.75 - 3.80
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .34 - .35
dms. .....lb. .32 - .33
Fennel, sweet, cns.....lb. 1.40 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. .95 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .95 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test.....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .05¾- —
2, bulk, same basis.....gal. .04 - —
4, bulk, same basis.....gal. .04 - —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03½- .03½
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03¾- .03¾
36-38 .....gal. .03¾- .03¾
38-40, straw.....gal. .03¾- .03¾
38-40 zero, 60 c.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk .....gal. .02¾- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 2.85 - 3.50
Bourbon, cns.....lb. 2.85 - 2.85
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.00
Grapeseed, dms.....lb. .40 - .60
Ginger, dist., bots.....lb. 4.90 - 5.00
Guaiac wood, concrete, bots.lb. 2.85 - 3.50
Haarlem, import., bots....gross 3.15 - 3.25
Halibut-liver, dms. 1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. .60 - .65
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lbs. dms..lb. .39 - .40
cns. .....lb. .41 - .44
Lard, common, 1, bbls.....lb. .09 - —
2, bbls. .....lb. .08¾- —
extra, bbls.....lb. .09¾- —
1, bbls. .....lb. .09¼- —
Winter, strained, extra, bbls., lb. .09½- —
prime burning, bbls.....lb. .10 - —
prime, ined., bbls.....lb. .09¾- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 1.95 - 2.05
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
38-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns. .....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 3.10 - 4.00
Lemongrass, native, cns., dms., lb. .31½- .32
Lime, dist., Mexican, cns....lb. 2.50 - 2.60
West Indian, cns.....lb. 3.10 - 3.15
expressed, cns.....lb. 6.50 - 6.75
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0890- .0910
l.c.l., 5 or more.....lb. .0930- .0950
less than 5.....lb. .0970- .0990
tanks .....lb. .0830- .0850
double boiled, bbls., less than lb. .0990- .1010
raw, bbls., c.l.....lb. .0850- .0870
l.c.l., 5 or more.....lb. .0890- .0910
less than 5.....lb. .0930- .0950
tanks .....lb. .0790- .0810
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U. S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 500, 350, 400, 450, 500, 600, 700 vis. dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks.gal. .17½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks..gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .18½- —
190-200 D, color 4½, 15-25 pour, tanks..gal. .23 - —
200-210 E. 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks.....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —

Methylethyl Ket.—Oil, Soybean

Oil, lubricating, at refinery, neutrals, 280 vis., 3 color, tanks..gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-15 pour, tanks..gal. .15 - —
cylinder, 600 fire, tanks, gal. .08 - —
600 flash, tanks.....gal. .09½- —
630 flash, tanks.....gal. .13 - —
635 fire, tanks.....gal. .08½- —
650 fire, tanks.....gal. .09 - —
Warren, E, amber, tanks, gal. .11 - —
neutral, 150 vis., 3 color, tanks..gal. .13 - —
180 vis., 3 color, tanks.gal. .14 - —
200 vis., 2 color, tanks.gal. .15 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .20½- —
unfiltered, 600 s.r....bbls., f.a.s..gal. .15½- —
600 flash, s.r., bbls., c.l., gal. .17 - —
630 flash, bbls., c.l., f.a.s., gal. .20½- —
unfiltered, Warren, E, bbls., c.l., f.a.s...gal. .20 - —
smaller lots, f.o.b..gal. .21 - —
Mace, dist., cns., dms.....lb. 1.20 - 1.25
Mandarin, superior, coppers..lb. 5.75 - 6.00
Menhaden, crude, tanks, f.o.b. Balto..gal. .30 Nom.
refd., alkali, dms.....lb. .0740- —
tanks .....lb. .0680- —
blown, dms.....lb. .0740- —
kettle-boiled, dms.....lb. .0840- —
light, pressed, dms.....lb. .0680- —
tanks .....lb. .0620- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns...lb. 1.65 - 1.70
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .65½- .70
Neatsfoot, 20° cold test, bbls., lb. .15½- —
extra, bbls.....lb. .09¼- —
1, bbls.....lb. .09 - —
pure, bbls.....lb. .11¾- —
prime, bbls.....lb. .09½- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.85.00 - 140.00
Nutmeg, USP, cns., dms....lb. 1.20 - 1.25
Oiticica, dms.....lb. .09¼- .10¼
Oleo, 1, bbls.....lb. .07¾- —
2, bbls.....lb. .07 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....lb. .88 - .90
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .07 - .07½
sulphonated, 50% (45% fat), dms., c.l..lb. .11¼- .12
l.c.l. .....lb. .12¼- .13
75% (63% fat), dms., c.l..lb. .13½- .14
l.c.l. .....lb. .14½- .15
80% (68% fat), dms., c.l..lb. .14½- .15
l.c.l. .....lb. .15½- .16
Orange sweet, dist., cs.....lb. .50 - —
Orange, expressed, African, cns., dms..lb. .80 - .85
Calif., cns.....lb. .75 - —
Messina, USP, coppers.lb. 2.25 - 2.35
West India, cns.....lb. 1.75 - 1.85
Origanum, cns.....lb. .90 - 1.00
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, cake.....lb. .02¾- .03¾
shipment .....lb. .03 - —
softs, 12½%, bulk, shipt.....lb. 0290- —
20%, bulk, shipt.....lb. .0280- —
Sumatra, shipt., bulk.....lb. .02¾ Nom.
Palmarosa, cns.....lb. 2.00 - 2.25
Palmkernel, bulk, shipt.....lb. .0340 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05½- —
330° flash, 70-80 vis., tanks, G. 5..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 5..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.75 - 4.10
Peanut, crude, dom., tanks, lb. .06 Nom.
refd., edible, bbls.....lb. .09 - .09¼
Pennyroyal, dom., cns.....lb. 2.10 - 2.15
import, cns.....lb. 1.90 - 2.00
Peppermint, natural, cns., dms., lb. 2.30 - 2.55
redist., USP, cns., dms....lb. 2.55 - 2.80
Perilla, dms.....lb. .09¼- .09¾
tanks .....lb. .0880- .0900
Petitgrain, Paraguay, cns...lb. .80 - .85
Pimento berry, cns.....lb. 3.35 - 3.65
leaf, cns.....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports....gal. .50 - .52
steam-dist., dms.....gal. .50 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns....lb. .95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .23 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .26 - —
Rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls.....lb. .80 - .82
Red, dist. or saponif. bbls., dlvd..lb. .07¾- .08¼
dms., dlvd.....lb. .07¼- .06¼
tanks, dlvd.....lb. .06½- .07½
white, dms.....lb. .10¾- .11¼
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms.....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 3.95 - 4.00
Sage, cns.....lb. 1.50 - 1.55
Sandalwood, E.I., USP, cns..lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst., gal. .29 Nom.
refd., alkali, dms.....lb. .0740- —
tanks .....lb. .0680- —
kettle-boiled, dms.....lb. .0840- —
light, pressed, dms.....lb. .0680- —
tanks .....lb. .0620- —
Sassafras, artif., cns.....lb. .36 - .37
dms. .....lb. .34 - .35
natural, cns., dms.....lb. .90 - 1.00
Savin, cns.....lb. 1.60 - 1.65
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., import, dms..lb. .09 - .09¼
Shingle stain, bbls., c.l., wks., gal. .19 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .0610- .0650
tanks .....lb. .0550- —
refd., dms.....lb. .0730- .0770
tanks .....lb. .0670- —

Oil, Spearmint—Petroleum

Oil, spearmint, USP, cns.	lb.	1.70	- 1.75
Sperm, bleach, 38°, dms.	lb.	.0900-	.0920
45°, dms.	lb.	.0830-	.0850
natural, dms.	lb.	.0780-	.0800
Spruce, cns., dms.	lb.	.60	- .65
Sweet, birch, North, cns.	lb.	2.25	- 2.65
South, cns.	lb.	1.55	- 1.60
Tall, crude, dms., c.l., works,	ton.	45.00	- —
l.c.l., works	ton.	50.00	-65.00
tanks, works	ton.	35.00	- —
refined, dms., c.l., works	lb.	.05½-	—
l.c.l., works	lb.	.06	- —
tanks, works	lb.	.05	- —
Tallow, acidless, bbls.	lb.	.08¾-	—
tanks	lb.	.08¼-	—
Tansy, cns.	lb.	7.00	Nom.
Tar, coml. dms., c.l., divd., E. cities	gal.	.25	- .26
E. ports	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, divd. E. cities	gal.	.20	- —
rectfd., USP, bbls, divd., E. ports	gal.	.55	- —
Tar acid (see T).			
Teaseed, crude, dms.	lb.	.08¾-	.09
refined, dms.	lb.	.10½-	.11
Tea Tree (see Oil, ti tree).			
Thyme, NF, red, dms.	lb.	.85	- 1.25
white, dms.	lb.	.85	- 1.45
Tung (see Oil, chinawood).			
Ti tree, cns.	lb.	2.40	- 2.90
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns.	gal.	4.25	- 5.00
Valerian, bots.	lb.	8.00	- 8.25
Vetiver, bots.	lb.	3.50	-15.00
Walnut, crude, dms.	lb.	.13	- .13¼
refd., dms.	lb.	.14	- .14½
Whale, refd., natural, dms.	lb.	.0770-	.0790
winter, bleach, dms.	lb.	.0810-	.0830
Wheat germ, phar., cns., dms.	gal.	22.50	-30.00
feedstuff, cns., dms.	gal.	17.50	-25.00
Oil, white, mineral, doms., tech., 50-60 vis., dms.	gal.	.40	- —
65-75 vis., dms.	gal.	.42	- —
80-90 vis., dms.	gal.	.43	- —
USP, 80-90 vis., dms.	gal.	.46	- —
95-105 vis., dms.	gal.	.53	- —
125-135 vis., dms.	gal.	.60½-	—
140-150 vis., dms.	gal.	.64	- —
175-185 vis., dms.	gal.	.66½-	—
200-210 vis., dms.	gal.	.70½-	—
320-330 vis., dms.	gal.	.76	- —
335-345 vis., dms.	gal.	.77	- —
Russian, 80-90 vis., dms.	gal.	.46	- —
145-155 vis., dms.	gal.	.64½-	—
175-185 vis., dms.	gal.	.68½-	—
335-345 vis., dms.	gal.	.77	- —
Wintergreen, natural, North. cns.	lb.	4.00	- 5.00
South, cns.	lb.	3.05	- 3.75
synth (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	2.25	- 2.30
Wormwood, cns.	lb.	3.25	- 3.80
Ylang-ylang, Bourb., bots., cns.	lb.	2.00	- 2.50
Manila, bots.	lb.	18.00	-24.00
Olivine, aggregate, c.l., mines.	ton.	5.00	- 8.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
ground, 200 mesh, c.l., mines,	ton.	15.00	- —
20 mesh to dust	ton.	10.00	- —
Opium, USP, cns.	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.00
powd., cns.	lb.	12.50	-13.00
Orange, Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10½-	—
divd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
Orange, mineral, Amer., bbls., 5 tons, Colo., Mont., N. M., Wyo.	lb.	.10¾-	—
Other points	lb.	.10¼-	—
smaller lots, divd., Ala., etc.	lb.	.11	- —
Ariz., etc	lb.	.11½-	—
Colo., Mont., N. M., Wyo.	lb.	.11¼-	—
Other points	lb.	.10¾-	—
French, Tours, casks, ex dock,	lb.	.13½-	—
kgs., ex dock	lb.	.14¼-	—
Molybdate, bbls.	lb.	.31	- —
Toner, bbls.	lb.	.80	- —
Orangeflower petals, cs.	lb.	.33	- .35
Orange peel, bitter, bls.	lb.	.08	- .09
sweet, bls.	lb.	.13	- .14
Orris root, Florentine, bgs.	lb.	.10	- .11
fingers, cs.	lb.	.85	- .90
powd., bbls., bxs.	lb.	.12	- .13
Verona, bls.	lb.	.09	- .10
powd., bxs., cs.	lb.	.12	- .13
Orthoanisidin, bbls.	lb.	.70	- —
Orthochloroanilin, dms.	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.32	- —
Orthocresol, dms., c.l., works.	lb.	.16½-	—
l.c.l., same basis	lb.	.17½-	—
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06	- —
l.c.l., same basis	lb.	.07	- —
100-lb. tins, same basis.	lb.	.08	- —
50-lb. tins, same basis.	lb.	.09	- —
tanks, same basis	lb.	.05½-	—
Orthodichlorobenzene prices west of Rockies lc. per lb. higher.			
Orthonitroanilin, dms.	lb.	.55	- —
Orthonitrochlorobenzene, dms.	lb.	.15	- .18
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms.	lb.	.08	- —
Orthotoluenehydrochloride, dms.	lb.	.22	- —
Orthotoluene sulphonate, kgs.	lb.	2.00	- 2.05
Orthotoluidin, dms.	lb.	.16	- —
Osage orange extract, cryst., bbls.,	lb.	.19	- —
liquid, 42°, bbls.	lb.	.08	- —
51°, bbls.	lb.	.60	- —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00

P

Papain, powd., cs.	lb.	1.15	- 1.20
Paprika, Hungarian, extra fancy, bgs.	lb.	.37	- .38
medium, bgs.	lb.	.35	- .37
Spanish, extra fancy, cs.	lb.	.50	Nom.
Para-aminoacetanilide, kgs.	lb.	.85	Nom.
Parachlorophenol, dms.	lb.	.45	- —
Paracymene, refd., dms.	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½-	.15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼-	—
bbls., c.l., N. Y.	lb.	.0230-	—
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼-	—
bbls., c.l., N. Y.	lb.	.0235-	—
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02¼	Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.03⅜-	—
loose, c.l.	lb.	.0355-	—
125-127 A.m.p., bgs., c.l.	lb.	.0390-	—
loose, c.l.	lb.	.0370-	—
128-130 A.m.p., bgs., or loose, c.l.	lb.	.04	- —
131-133 A.m.p., bgs., or loose, c.l.	lb.	.0435-	—
133-135 A.m.p., bgs., or loose, c.l.	lb.	.0465-	—
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0490-	—
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0565-	—
143-145 A.m.p., bgs., or loose, c.l.	lb.	.0660-	—
151-153 A.m.p., bgs., or loose, c.l.	lb.	.08½-	—
refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.			
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½-	.02⅝
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis	lb.	.35	- —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., divd.	lb.	.16	- —
5 and 10 gal. dms., divd.,	lb.	.17	- —
USP, cs. cbys.	lb.	.37	- .45
Paranitroanilin, kgs., works.	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs.	lb.	.35	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.56	- —
Pareira brava root, bls.	lb.	.15	- .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23	- .25
less car lot, same basis.	lb.	.24	- .26
Passion flower, herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.18	- .20
Pellitory root, bls.	lb.	.13	- .14
Pennyroyal herb, bls.	lb.	.07	- .08
leaves, bls.	lb.	.13½-	.14
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½-	—
l.c.l., G.3	gal.	.16	- —
tanks, G.3	gal.	.08½-	—
laboratory grade, dms., c.l., G.3.	gal.	.14	- —
l.c.l., G.3	gal.	.25	- —
Pepper, black, Alleppy, bgs.	lb.	.08	- .08⅝
Lampong, bgs.	lb.	.04½-	.04⅝
Tellicherry, bgs.	lb.	.08½-	.08¾
Red, chillies, Japan, 1, bgs.	lb.	.22	- .22½
Mombassa, bgs.	lb.	.23	- .23½
White, Java, Muntok, bgs.	lb.	.07¼-	.07½
Saigon, bgs.	lb.	.07	- .07¼
Peppermint leaves, dom., bls.	lb.	.23	- .24
import, bls.	lb.	.45	- .46
Peru, balsam, dms.	lb.	.65	- .70
Petrolatum, amber, dms., c.l.	lb.	.02⅝-	—
l.c.l.	lb.	.03⅜-	—
amber, extra, dms.	lb.	.02⅞-	—
l.c.l.	lb.	.04	- —
veterinary, dms., c.l.	lb.	.02½-	—
white, cream, dms., c.l.	lb.	.04¼-	—
l.c.l.	lb.	.05¾-	—
lily, dms., c.l.	lb.	.05¼-	—
l.c.l.	lb.	.06¾-	—
snow, dms., c.l.	lb.	.06¼-	—
l.c.l.	lb.	.07¾-	—
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .95
Athens	bbl.	.84	- 1.00
Belridge	bbl.	.70	- 1.32
Buena Vista Hills	bbl.	.70	- 1.38
Canal-Greely	bbl.	.91	- 1.68
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.32
Domingues	bbl.	.79	- 1.00
East Coyote	lb.	.76	- .96
Elk Hills	bbl.	.70	- 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28	- 1.43
El Segundo	bbl.	.80	- 1.21
Huntington Beach	bbl.	.78	- 1.22
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.43
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.38
Lost Hills	bbl.	.70	- 1.18
McKittrick	bbl.	.70	- —
Midway-Sunset (except Lakeview).	bbl.	.70	- 1.38
Montebello	bbl.	.77	- 1.43
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —
Orcutt	bbl.	.70	- .93
Olinda Brea	bbl.	.76	- 1.27
Playa del Rey, f.o.b. pipe-line	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.09
Rosecrans	bbl.	.84	- 1.66
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.42
Santa Maria	bbl.	.63	- .70
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.05
Wheeler Ridge	bbl.	.70	- .83
Whittier	bbl.	.76	- .96
Wilmington	bbl.	.75	- 1.21
Canada:—			
Oil Springs	bbl.	1.97	- —
Petrolia	bbl.	1.90	- —
Central West:—			
Illinois	bbl.	1.05	- —
Lima	bbl.	.90	- —
Midland (Mich.)	bbl.	1.12	- —
Princeton	bbl.	1.05	- —
East Texas	bbl.	1.19	- —

Low Evaporation Losses

One of Skellysolve's 5 Advantages As A Lacquer Diluent

by **A. ERNEST MACGEE**

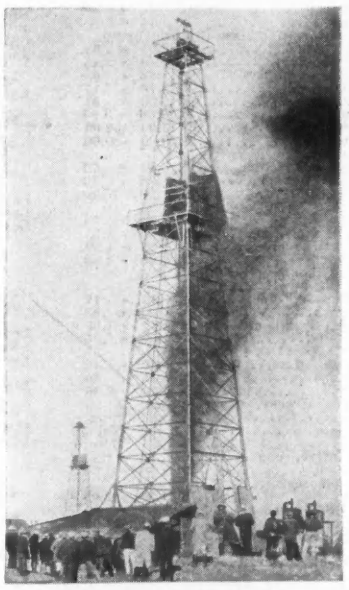
Manager Skellysolve Division, Skelly Oil Company

In developing Skellysolve to fit the exact requirements of our friends in the paint, varnish and lacquer industries, we've given particular attention to your five major solvent problems. One was the problem of evaporation loss, important to you because it wasted your money, created a fire hazard and produced a tendency to blush. And we found that through close cutting of fractions we reduced evaporation losses to a minimum, gave Skellysolve a big advantage as a lacquer diluent.

Through that same close cutting we've been able to solve two other problems, to give Skellysolve other advantages I know you'll find equally valuable. *Freedom from greasy residues,* for instance. Drying is complete and rapid, with minimum gum formation. And *close boiling ranges*—some as low as 15° F. from initial to dry flask end point—that are constant in storage or formulas, with minimum tendency to fractionate.

Besides these three advantages resulting from close cutting, Skellysolve offers *constant uniformity* shipment after shipment, saves you the expense and trouble of changing formulas. And *uninterrupted supply,* that assures you of prompt deliveries, protects you against costly delays or actual shutdowns.

As you know, Skelly pioneered in the development of dependable, uniform, special naphthas. So you'll probably find the exact solvent you need in the wide Skellysolve line. Whatever your requirements, in type and price, I'm sure it will pay you to give us a call.



Skelly pioneered in the development of special petroleum solvents. Today Skelly still pioneers in close cuts, uniformity, rigid quality-control.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago

Wire or write for information or prices without delay.

Petroleum, crude, at wells:—
Gulf Coast:—
Barber's Hill ..... bbl. .79 - 1.16
Batson ..... bbl. .74 - 1.04
Dayton ..... bbl. .95 - 1.41
Esperson ..... bbl. .79 - 1.16
Goose Creek ..... bbl. .79 - 1.28
Hull ..... bbl. .74 - 1.04
Humble ..... bbl. .74 - 1.04
Liberty ..... bbl. .79 - 1.16
Markham ..... bbl. .90 - 1.29
Orange ..... bbl. .79 - 1.16
Pettus ..... bbl. 1.29 - —
Pierce Junction ..... bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet) .. bbl. .79 - 1.38
Saratoga ..... bbl. .74 - 1.04
Sour Lake ..... bbl. .74 - 1.04
Spindle Top ..... bbl. .74 - 1.04
Sugarland ..... bbl. .79 - 1.28
West Columbia ..... bbl. .79 - 1.28
Kentucky, Tennessee:—
Big Sandy river ..... bbl. 1.12 - —
Kentucky river ..... bbl. 1.20 - —
Western Kentucky (Owensboro) .. bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou ..... bbl. .73 - 1.05
Caddo ..... bbl. .73 - 1.05
Cameron Meadows ..... bbl. .74 - 1.13
Choctaw ..... bbl. .74 - 1.20
Cotton Valley ..... bbl. .73 - 1.05
Darrow ..... bbl. .74 - 1.20
De Soto ..... bbl. .73 - 1.05
El Dorado ..... bbl. .73 - 1.05
Haynesville ..... bbl. .73 - 1.05
Homer ..... bbl. .73 - 1.05
Iowa ..... bbl. .74 - 1.13
Lockport ..... bbl. .74 - 1.13
Miller County ..... bbl. .73 - 1.05
Pine Island ..... bbl. .73 - 1.05
Rainbow ..... bbl. .73 - 1.05
Rodessa ..... bbl. .73 - 1.05
Smackover ..... bbl. .73 - —
Tepetate ..... bbl. 1.03 - —
Urania ..... bbl. .89 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco ..... bbl. No prices
Tuxpan ..... bbl. No prices
Midcontinent:—
North Texas ..... bbl. .51 - 1.10
Oklahoma-Kansas ..... bbl. .63 - 1.16
Pennsylvania, Ohio, West Virginia
Bradford-Allegany ..... bbl. 1.88 - —
Corning ..... bbl. 1.02 - —
Pennsylvania grade, in Buckeye lines .. bbl. 1.45 - —
Eureka lines ..... bbl. 1.47 - —
N. Y. Transit lines, bbls. 1.68 - —
S. W. Penn. lines .. bbl. 1.53 - —
lower district in National Transit lines .. bbl. 1.76 - 1.81
Rocky Mountain:—
Big Muddy ..... bbl. .98 - —
Canon City-Florence ... bbl. .90 - —
Cat Creek ..... bbl. 1.10 - —
Dutton Creek ..... bbl. .86 - 1.10
Elk Basin ..... bbl. .90 - —
Fort Collins-Wellington ..... bbl. .81 - 1.05
Frannie, light ..... bbl. .45 - .52
Grass Creek, light ..... bbl. .90 - —
Iles ..... bbl. .92 - .98
Lance Creek ..... bbl. .77 - —
Lander ..... bbl. .51¼ - —
Midway ..... bbl. .86 - 1.10
Rock Creek ..... bbl. 1.00 - —
Salt Creek ..... bbl. .86 - 1.10
Sunburst ..... bbl. 1.20 - —
Torchlight ..... bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County ..... bbl. .73 - 1.05
Cleveland-Liberty ..... bbl. 1.14 - —
Conroe ..... bbl. 1.27 - —
Darst Creek ..... bbl. .96 - —
Hardin-Liberty ..... bbl. 1.00 - 1.02
Luling ..... bbl. .87 - —
Lytton Springs ..... bbl. .99 - —
Mirando (incl. Duval) ..... bbl. .74 - 1.33
Panola County ..... bbl. .73 - 1.03
Salt Flat ..... bbl. .96 - —
Tomball ..... bbl. .95 - 1.41
Van ..... bbl. .93 - —
West Beaumont ..... bbl. .79 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County ..... bbl. .72 - 1.06
West Texas:—
Artesia, N. M. ..... bbl. .61 - .85
Crane ..... bbl. .53 - .95
Crockett ..... bbl. .53 - .95
Ector ..... bbl. .53 - .96
Eddy (N. M.) ..... bbl. .77 - —
Howard ..... bbl. .53 - .96
Jackson, N. M. ..... bbl. .61 - .85
Lea, N. M. ..... bbl. .53 - .95
Maljamar, N. M. ..... bbl. .61 - .85
Mitchell ..... bbl. .53 - .95
Pecos ..... bbl. .65 - .87
Upton ..... bbl. .53 - .95
Winkler ..... bbl. .53 - .95
Ether, 30-60° dms., c.l., G. 3. gal. .14 - —
l.c.l., G.3 ..... gal. .25 - —
tanks, G.3 ..... gal. .13 - —
35-60°, dms., l.c.l., G.3 .... gal. .30 - —
40-75°, dms., c.l., G.3 .... gal. .14 - —
l.c.l., G.3 ..... gal. .25 - —
tanks, G.3 ..... gal. .13 - —
laboratory grade, dms., c.l., G. 3. gal. .14 - —
c.l., G.3 ..... gal. .25 - —
10-gal. lots, G.3 ..... gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles .. gal. .11 - —
San Francisco .. gal. .11½ - —
f.o.b. Richmond .... gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash .. gal. .12 - —
East Coast, tanks ..... gal. .12 - .12½
Group 3, tanks ..... gal. .07¾ - .07¾
Naphtha, cleaners', at refinery:—
East Coast, tanks ..... gal. .10 - —
Group 3, tanks ..... gal. .06¾ - .06¾
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport ..... gal. .13½ - —
Chicago, inc. 4c. tax .. gal. .17½ - —
Decatur, inc. 4c. tax .. gal. .186 - —
Des Moines, inc. 4c. tax. gal. .184 - —
Evansville, inc. ex tax. gal. .14½ - .15½
Milwaukee, inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax .. gal. .20 - —
Newark, ex tax ..... gal. .12 - —
New York, ex tax ..... gal. .12 - —
Omaha, ex tax ..... gal. .144 - .154
Oklahoma City, ex tax. gal. .16 - —
Philadelphia, ex tax ... gal. .11½ - —
St. Louis, inc. 1c. tax. gal. .15 - —
Syracuse, 150 gals ..... gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans .. gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway ..... gal. .16 - —
2, over 90% arom., same basis .. gal. .18 - —
high-solvency, 8. tanks, f.o.b. Bayway .. gal. .18 - —

Petroleum, naphtha, high solvency, aromatic, 8. tanks, f.o.b. Paulsboro, N. J. .. gal. .14 - —
30, same basis ..... gal. .16 - —
40, same basis ..... gal. .14½ - —
v.m.&p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo .. gal. .11 - —
Richmond .. gal. .11½ - —
Willbridge, Ore., Pt. Wells, Wash .. gal. .12 - —
54-57, 190 l.b.p., 310 e.p. tanks, dlvd. Los Angeles .. gal. .10 - —
San Francisco .. gal. .10½ - —
Portland, Seattle ..... gal. .11 - —
East Coast, tanks .... gal. .09½ - —
Group 3, tanks ..... gal. .06¾ - .06¾
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax .. gal. .16½ - —
Decatur, inc. 4c. tax .. gal. .186 - —
Des Moines, inc. 4c. tax. gal. .184 - —
Evansville, Ind., ex tax. gal. .147 - .157
Milwaukee, inc. 5c. tax. gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax .. gal. .20 - —
Newark, ex tax ..... gal. .11 - —
New York, ex tax ..... gal. .10½ - .11
Omaha, ex tax ..... gal. .144 - .154
Philadelphia, ex tax ... gal. .12½ - —
St. Louis, inc. 1c. tax. gal. .15.2 - —
Solvent, rubber, at refinery, East Coast, tanks .. gal. .09½ - .10
Group 3 light, 120 l.b.p., 250 e.p., tanks .. gal. .06¾ - .06¾
standard, 180 l.b.p., 288 e.p., tanks .. gal. .06¾ - .06¾
Stoddard (CS 3-38), at refinery:—
East Coast, tanks ..... gal. .10 - —
Group 3, tanks ..... gal. .05¾ - .06¼
tankwagon, Boston, ex tax .. gal. .12½ - .13½
Chicago, inc. 4c. tax .. gal. .159 - —
Decatur, inc. 4c. tax .. gal. .181 - —
Des Moines, inc. 4c. tax. gal. .179 - —
Evansville, Ind., ex tax. gal. .135 - .145
Milwaukee, inc. 5c. tax. gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax .. gal. .177 - —
Newark, ex tax ..... gal. .09½ - .11½
New Orleans, ex tax .. gal. .11 - —
New York, ex tax ..... gal. .09½ - .11½
Omaha ..... gal. .181 - .14
Philadelphia, ex tax ... gal. .10½ - .12½
St. Louis, inc. 1c. tax .. gal. .120 - —
Tulsa, ex tax ..... gal. .10 - .11
Thinners, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles .. gal. .15 - —
Portland, Ore ..... gal. .16 - —
Richmond ..... gal. .14½ - —
Seattle, Wash .... gal. .16½ - —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½ - —
Richmond ..... gal. .10 - —
Southern Calif .... gal. .09½ - —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore .... gal. .12 - —
Richmond ..... gal. .11½ - —
Seattle, Wash .... gal. .12 - —
East Coast, 43-47, tanks. gal. .09½ - .10
47-49, tanks ..... gal. .09¼ - .10
New Jersey, tanks ..... gal. .08¾ - —
Group 3, tanks ..... gal. .05¾ - .05¾
Tankwagon, tax included:—
Albany ..... gal. .13 - —
Baltimore (100 gals.) .. gal. .12½ - .13½
25-99 gals ..... gal. .13½ - .15½
Boston ..... gal. .13 - —
Bound Brook, North Amboy, N. J .. gal. .11½ - .13½
Bridgeport, Conn ..... gal. .11 - —
Buffalo ..... gal. .15 - —
Camden, N. J ..... gal. .10 - .12
Chicago ..... gal. .162 - —
Decatur, Ill ..... gal. .176 - —
Des Moines ..... gal. .174 - —
Evansville, Ind ..... gal. .137 - .147
Milwaukee ..... gal. .188 - —
Minneapolis-St. Paul .. gal. .19 - —
Newark ..... gal. .09 - .09½
New York (200 gals.) .. gal. .09 - —
Omaha ..... gal. .131 - .141
Philadelphia ..... gal. .10 - .12
Pittsburgh ..... gal. .11½ - .13½
Providence ..... gal. .11½ - —
Rochester ..... gal. .12 - —
St. Louis ..... gal. .142 - —
Syracuse ..... gal. .12½ - —
Trenton ..... gal. .10 - —
Wilmington, Del ..... gal. .10 - .12
Phenobarbital, bots., 5 lbs .... lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs lb. 4.00 - —
cns., 25 lbs ..... lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald .. lb. .14½ - .15½
l.c.l., same basis ..... lb. .15¾ - .16¾
under 1,000 lbs ..... lb. .16¼ - .17¼
tanks, works ..... lb. .13½ - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots .. lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
Yellow, fib., dms., 2000-lb. lots., lb. .80 - —
100-lb. fib., dms ..... lb. .82 - —
25-lb. dms. ..... lb. .87 - —
50-lb. kgs. ..... lb. .84 - —
Phenyl chloride, dms ..... lb. .17 - —
Phenylacetaldehyde, bots ..... lb. 2.10 - 2.50
Dimethylacetate, cns. ..... lb. 14.50 - 15.00
Phenylethylphenyl acetate, bots., lb. 7.90 - 15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works .. lb. 4.00 - —
commercial, kgs., works .. lb. 1.50 - —
pure, bbls., works ..... lb. 2.25 - —
Phloroglucinol, CP, tins, works. lb. 20.00 - 22.00
tech., tins, works ..... lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines .. long ton. 4.35 - —
land pebble, 68% min., bulk, mines .. long ton. 1.90 - —
70% min., bulk, mines, long ton. 2.15 - —
72% min., bulk, mines, long ton. 2.40 - —
75% basis, 74% min., bulk mines .. long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines .. long ton. 5.50
Phosphorus, red, cs. ..... lb. .40 - .44
yellow, dms ..... lb. .18 - .20
cases ..... lb. .23 - .27
Oxychloride, cyls ..... lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks ..... lb. .13 - .14
Sesquisulphide, cs ..... lb. .38 - .42
Trichloride, cyls ..... lb. .15 - .16
Phthalamide, bbls., tons ..... lb. .35 - —
single bbls ..... lb. .40 - —
kgs. ..... lb. .45 - .50

Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R. .. lb. .14½ - —
l.c.l., same basis ..... lb. .15½ - —
Pichi leaves, bgs ..... lb. .14 Nom.
Pilocarpine hydrochloride, bots. vis .. oz. 2.40 - 2.50
Nitrate, bots., vis ..... oz. 2.90 - 3.00
Pimento, bgs ..... lb. .14¼ - .14½
Pinkroot, bls ..... lb. .34 - .35
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works .. ton. 19.00 - —
l.c.l. ..... ton. 22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron .. ton. 23.75 - 24.00
linseed, dms ..... lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. ..... lb. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls. ..... lb. .11 - .13
Podophyllin, dms., dlvd., E. of Miss. .. lb. 4.50 - 4.70
Poke root, bls. ..... lb. .07 - .07½
Pomegranate bark, bgs ..... lb. .16 - .17
Root bark, bgs ..... lb. .25 - .26
Poppy flowers, red, bls ..... lb. .70 - 1.00
Seed, Dutch, bgs ..... lb. .09¾ - .10¾
Polish, bgs ..... lb. .09½ - .10
Potash abietate ..... lb. .09 - —
Acetate, tech., bbls., dlvd .. lb. .26 - —
kgs., dlvd. ..... lb. .28 - —
USP, bbls., 250 lbs ..... lb. .28 - —
kgs., 100 lbs. ..... lb. .30 - —
cns., 25 lbs. ..... lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs .. lb. .11 - —
demj., 50 lbs. ..... lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs. .. lb. .15 - —
kgs., 100 lbs ..... lb. .17 - —
gran., bbls., 250 lbs ..... lb. .15 - —
kgs., 100 lbs. ..... lb. .17 - —
Bichromate, spot, c.l., works. lb. .08½ - —
6 casks or 10 bbls., or over, works .. lb. .09 - —
5 casks or 9 bbls., or less, works .. lb. .09¼ - —
Bromide, USP, gran., bbls., 500 lbs .. lb. .31 - —
fib., dms., 100 lbs ..... lb. .32 - —
Carbonate, calc., dms., c.l., works .. lb. .06½ - —
l.c.l., same basis ..... lb. .06¾ - —
hydrated, 83-85%, bbls., c.l., works .. lb. .05½ - —
l.c.l., same basis ..... lb. .06¾ - —
liquid, dms., c.l., dlvd ..... lb. .03 - —
l.c.l., dms ..... lb. .03½ - —
tanks, dlvd ..... lb. .02875½ - —
USP, gran., bbls., 325 lbs .. lb. .13½ - —
powd., bbls., 325 lbs ..... lb. .19 - —
kgs., 100 lbs ..... lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works .. lb. .07 - —
l.c.l. ..... lb. .07¼ - .07¼
import, dms ..... lb. .07 - .07¼
liquid, 45% basis, dms .... lb. .03¼ - .03¼
tanks ..... lb. .02¾ - —
solid, 88-92%, dom., dms., c.l., works .. lb. .06¼ - —
l.c.l. ..... lb. .06½ - .06¾
import, dms ..... lb. .06¼ - .06¾
Chlorate, cryst., kgs ..... lb. .09¼ - .09¾
gran., kgs ..... lb. .12 - .13
powd., kgs ..... lb. .08½ - .09
Chloride, tech., 98% cryst., bgs., kgs .. lb. .04 - .06
Chromate, kgs ..... lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs .. lb. .33½ - —
kgs., 100 lbs ..... lb. .34½ - —
cns., 50 lbs ..... lb. .35½ - —
cns., 25 lbs ..... lb. .37½ - .39¼
Cyanide, cns., dms ..... lb. .50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots .... lb. .90 - —
100-lb. lots ..... lb. 1.00 - —
50-lb. lots, cbys. or cns. lb 1.05 - —
25-lb. lots, cns ..... lb. 1.15 - —
Guaiacolsulphonate, 5b., dms. 100 lbs. lb. 1.60 - 1.65
cns., 25 lbs ..... lb. 1.75 - —
Hydroxide, USP, sticks, cns... 100 lbs. .30½ - .33
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs ..... lb. .75 - —
Iodate, bots., 5 lbs ..... lb. 1.31 - 2.35
cns., 25 lbs ..... lb. 3.20 - —
Iodide, bbls., 250 lbs ..... lb. 1.13 - —
bots., or cns ..... lb. 1.22 - 1.40
dms ..... lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f., ports .. ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports ..... unit-ton. .53½ - —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½ - —
Metabisulphite, kgs ..... lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk. unit-ton. .53½ - —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports .. unit-ton. .53½ - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs .... lb. .30 - .31
tech bbls ..... lb. .25 - .26
Nitrate, crude, bgs., c.l.f. ports. ton. 55.00 Nom.
Perchlorate, kgs., works ..... lb. .09 - .10½
Permanganate, tech., dms ... lb. .18½ - .19
Prussiate, red, bbls ..... lb. .30½ - .34
Yellow, bbls ..... lb. .14 - .15
Ricinoleate, tech., bbls ..... lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs .. lb. .13 - —
kgs., 100 lbs ..... lb. .15 - —
powd., bbls., 350 lbs ..... lb. .14 - —
kgs., 100 lbs ..... lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports .. ton. 33.00 - —
l.c.l. ..... lb. .13½ - —
Xanthate, dms., c.l. ..... lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipa. ton. 25.75 - —
Potash-titanium oxalate, kgs ... lb. .35 - .40
Prickly ash bark, bls ..... lb. .10 - .15
Berries, bls ..... lb. No stocks
Prince's pine herb, bls ..... lb. .15 - .16
Propane, tanks, G.3 ..... gal. .08 - —
Psyllium seed (see Flaxseed).
Pulsatilla, bls. ..... lb. .16 - .17
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works .. lb. .03 - —
less than 3, works .. lb. .03½ - —
F and 1, bbls., 3 or over, works .. lb. .03½ - —
less than 3, works .. lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works .. lb. .04½ - —
3 or over, works .... lb. .04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y. .. ton. 32.65 Nom.
l.c.l., 5-29 tons, ex whse., ton. 37.70 - —
1,000-10,000 lbs., ex whse .. ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse .. ton. 40.70 - —
single bgs., ex whse. ton. 45.70 - —
Pumpkin seed, bgs ..... lb. .09 - .10
Purple lake (see Red).

Petroleum—Red, Cadmium

Putty, com'l, dms ..... 100 lbs. 4.00 - —
linseed oil, raw, dms .... 100 lbs. 4.50 - —
refined, dms ..... 100 lbs. 5.00 - —
standard, dms ..... 100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrum (Seil test) 55-gal. dms. (incl.) frt. alld., E. of Rockies, standard brand .. gal. 5.75 - 5.85
basis (30 to 1) 3.6% pyrethrine 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand .. gal. 8.45 - 8.65
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over .. lb. .26½ - .27
fine powd. Japan, bbls., ton lots frt. alld .. lb. .27½ - .28
Pyridin, denaturing, dms .... gal. 1.63 - —
refd., 2°, dms ..... lb. .50 - —
Pyrites, Spanish, bulk, c.i.f. Alt. ports .. unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins .. lb. 2.15 - 2.40
resublimed, fib. dms., tins .. lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines .. ton. 9.00 - —
325 mesh, same basis ..... ton. 12.00 - —
No. 3, 200 mesh, c.l. mines. ton. 7.50 - —
325 mesh, same basis ..... ton. 10.50 - —
Pyroxlin, scrap, amber, cs., works .. lb. .12 - —
black, cs., works ..... lb. .10 - —
China white, ivory, cs., works .. lb. .13 - —
dense white, cs., works .. lb. .10 - —
gray, cs., works ..... lb. .09 - —
mixed, mottles, opaque, cs., works .. lb. .04 - —
shell-demi, cs., works ..... lb. .12 - —
translucent pastels, cs., works .. lb. .10 - —
transparent, cs., works ... lb. .20 - —
colors, cs., works ..... lb. .12 - —
shavings, amber, cs., works .. lb. .16 - —
colors, mixed, cs., works .. lb. .10 - —
white, cs., works ..... lb. .15 - —

Q

Quassia chips, bls ..... lb. .06 - .08
Quebracho extract, liquid, 25% tan, bbls., works .. lb. .03¾ - —
tanks, works ..... lb. .02¾ - —
solid, 63%, bgs., c.l., ex dock, plus duty .. lb. .04 - —
clarified, 64%, bgs., c.l., same basis .. lb. .04¼ - —
Queen of the meadow leaves, bgs .. lb. .07 - .08
Root, bgs ..... lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls .. lb. .07½ - .08½
solid, dms ..... lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net), dlvd., N.Y. .. flask. 83.00 - 85.00
import, flasks, (76 lbs. net) in bond .. flask. 72.00 - —
Quince seed, bgs ..... lb. .70 - 1.10
Quinidine, cryst., small, cns ... oz. .90 - —
large, cns. ..... oz. .98 - —
powd., precip., cans ..... oz. .91 - —
Sulphate, cns. ..... oz. .67 - —
Quinine, 100 ozs., cns ..... oz. .76 - —
Acetate, cns ..... oz. .99 - —
Arsenate, cns. ..... oz. .99 - —
Arsenite, cns. ..... oz. 1.01 - —
Bisulphate, cns ..... oz. .54 - —
Citrate, cns. ..... oz. .72 - —
Dihydrobromide, bots ..... oz. .75 - —
Dihydrochloride, bots ..... oz. .75 - —
Ethylcarbonate, cns ..... oz. .75 - —
Ferrocyanide, cns. ..... oz. 1.01 - —
Formate, cns. ..... oz. .94 - —
Glycerophosphate, cns ..... oz. 1.14 - —
Hydrochloride, cns ..... oz. .68 Nom.
Hydrochlorosulphate, cns .... oz. .75 - —
Hydrolodide, cns ..... oz. .99 - —
Hypophosphite, cns ..... oz. .99 - —
Phosphate, cns. ..... oz. .82 - —
Salicylate, cns. ..... oz. .73 - —
Sulphate, U.S.P. X, cns ..... oz. .54 - —
U.S.P. XI, cns ..... oz. .61 - —
Sulphocarbolate, cns ..... oz. .97 - —
Tannate, cns. ..... oz. .57 - —
Tartrate, cns. ..... oz. .97 - —
Valerate, cns. ..... oz. .98 - —
Quinine-urea hydrochloride cns. oz. .75 - —

R

R, salt, dry, bbls ..... lb. .55 - —
paste, dms. ..... lb. .52 - —
Rapeseed, Belgian, bgs ..... lb. .06¼ - .06½
Dutch, black, bgs ..... lb. .06¼ - .06½
red, bgs ..... lb. .06¾ - .07
Japanese, bgs ..... lb. .06 - .06¼
Raspberries, dried, bls ..... lb. .32 - .35
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis .. lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld ..... lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis .. lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis .. lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis .. lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis .. lb. .80 - —
small lots, same basis, lb. .85 - —

Red, Cadmium—Soda Arsenite

Red, cadmium, medium shade, kgs., ton lots, same basis, lb.	.85	—
smaller lots, same basis, lb.	.90	—
selenide, bbls., dark, works, lb.	2.50	—
light, works, lb.	2.25	—
Orange, bbls., 100-lb. lots, works, lb.	1.50	—
Carmine, 40 1-lb. cns., 500 lbs., lb.	4.15	—
dms., 500-lb. lots, lb.	4.00	—
100-lb. lots, lb.	4.10	—
Crocus martis (see Red, purple oxide.)		
Eosin toner, bbls., lb.	1.50	- 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y., lb.	.08¾	—
80%-85%, bbls., same basis, lb.	.07¼	—
Iron oxide (see Red, oxide).		
Lake C toner, bbls., same basis alizarin lake, contracts, lb.	1.25	—
open order, lb.	1.30	—
Lithol toner, bbls., same basis, alizarin lake, contrs., lb.	.68	—
open order, lb.	.73	—
Rose lake, bbls., lb.	.20	- .30
Pink, bbls., lb.	.15	- .20
Lithol-rubin toner, bbls., same basis alizarin lake, lb.	1.35	-
Maroon lake, 25%, kgs., same basis alizarin lake contracts, lb.	.40	—
Oxide (see Red, purple oxide).		
Mercury oxide, tech., dom., bbls., lb.	1.46	—
Metallic, bbls., Pa., works, lb.	.02	—
Orange, Persian (see O).		
Oxide, pure, bbls., c.l., works, lb.	.08½	—
l.c.l., works, lb.	.09¼	—
shell, dom., cs., works, lb.	.12	—
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y., lb.	.08¼	—
80% copperas oxide, bbls., same basis, lb.	.07¾	—
Para, toner, concent., kegs, same basis alizarin lake, contracts, lb.	.75	—
open order, lb.	.80	—
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y., lb.	.04½	.04⅝
ex whse., Chicago, St. Louis, lb.	.05¾	—
San Fran., Los Ang., Portland, Seattle, lb.	.05	—
Phloxin toner (see Red, Eosin toner)		
Phosphotungstic rhodamine Y, kgs., lb.	3.90	—
Purple lake, kgs., lb.	.60	- 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, lb.	.08	—
Toner, kgs., lb.	1.50	- 2.00
Scarlet ink toner, kgs., same basis alizarin lake, lb.	.50	—
Lake, kgs., same basis alizarin lake, lb.	.25	- .30
Spanish, oxide, bbls., f.o.b. N. Y., lb.	.03¾	- .0390
Toluidin toner, kgs., same basis alizarin lake, lb.	1.35	—
Tuscan, bbls., f.o.b. N. Y., E. St. Louis, lb.	.11	- .40
Venetian, bbls., works, lb.	.0220	—
10%, bbls., works, lb.	.0245	—
15%, bbls., works, lb.	.0255	—
20%, bbls., works, lb.	.02¾	—
25%, bbls., works, lb.	.03	—
30%, bbls., works, lb.	.03¼	—
35%, bbls., works, lb.	.0360	—
40%, bbls., works, lb.	.04	—
Vermilion, Amer., bbls., same basis alizarin lake, lb.	.15	—
quicksilver, bbls., 500 lbs., lb.	1.45	—
smaller lots, lb.	1.45	- 1.52
Red dyes are listed under Dyes.		
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more, lb.	1.71	—
Red saunders wood, ground, bbls., lb.	.12	- .17
Resorcinol, tech., dms., works, lb.	.75	- .80
USP, cryst., bbls., works, lb.	1.50	- 1.55
Rhatany root, bgs., lb.	.09	- .10
Rhodinol, bots., lb.	5.75	- 6.75
Rhubarb root, cs., lb.	.45	- .50
powd., bbls., kgs., lb.	.50	- .55
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't, lb.	.18¾	—
smaller lots, lb.	.19¼	—
powd., bbls., 5,000 lbs., 1 shipt, lb.	.17¾	—
smaller lots, lb.	.18¼	—
Rose flowers, pale, bls., lb.	.45	Nom.
red, bls., lb.	2.20	- 2.25
Rosemary flowers, bls., lb.	.25	- .30
Leaves, bls., lb.	.05	- .06
Rosin, gum B, bbls., ex dock, 280 lbs.	4.75	—
D, bbls., 280 lbs.	5.00	—
E, bbls., 280 lbs.	5.25	—
F, bbls., 280 lbs.	5.45	—
G, bbls., 280 lbs.	6.25	—
H, bbls., 280 lbs.	6.35	—
I, bbls., 280 lbs.	6.40	—
K, bbls., 280 lbs.	6.40	—
M, bbls., 280 lbs.	6.45	—
N, bbls., 280 lbs.	6.85	—
W. G., bbls., 280 lbs.	7.25	—
W. W., bbls., 280 lbs.	7.90	—
X, bbls., 280 lbs.	7.90	—
Rosin, wood, bbls., 280 lbs.	4.00	- 5.50
Rottenstone, dom., bgs., c.l., f.o.b. mines, ton.	25.50	—
l.c.l., f.o.b. mines, ton.	37.50	—
import, lump, bbls., lb.	.14	—
powd., bbls., lb.	.08¼	- .10
Rue, bls., lb.	.15	- .16

S

Sabadilla seed, powd., bbls., lb.	.18	- .19
Saccharin, dms., 100 lbs., lb.	1.45	—
cns., 25 lbs., lb.	1.48	- 1.50
Safflower, bls., lb.	.22	- .23
Saffron, Mexican, bls., lb.	.26	- .27
Spanish, tins, lb.	29.00	-31.00
Safrol, cns., lb.	.52	- .53
dms., lb.	.50	- .51
Sage, Dalmatian, stemless, lb.	.05¾	- .06
garden, bls., lb.	.06¼	- .06½
Sago flour, bgs., lb.	.02½	- .03¼
Salicin, bots., 5 lbs., lb.	5.00	—
cns., 25 lbs., lb.	4.75	—
Salol, gran., bbls., 200 lbs., lb.	.90	—
bxs., 25 lbs., lb.	.93	—
kgs., 100 lbs., lb.	.90	—
powd., fib. dms., 25 lbs., lb.	1.03	—
kgs., 100 lbs., lb.	1.00	—
Salt, rock, bgs., divd., N. Y., ton.	13.20	-13.80
l.c.l., bgs., divd., N.Y., ton.	15.00	-15.60
vacuum, common, fine, bgs., c.l., divd., N.Y., ton.	15.30	—
l.c.l., divd., N. Y., ton.	16.30	-21.00
Saltcake, grd., dom., bbls., works, ton.	19.00	-25.00
bulk, works, ton.	15.00	—
import, bulk, c.i.f., ton.	15.00	-16.00
Chrome (see Chrome cake).		
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls., 100 lbs.	7.50	- 8.25
1-9 tons, 100 lbs.	7.65	- 8.40
less than ton lots, 100 lbs.	7.90	- 8.66
Saltpeter, gran., bbls., 10-20 tons, 100 lbs.	6.50	—
1-9 tons, 100 lbs.	6.65	—
less than ton lots, 100 lbs.	6.90	—
powd., bbls., 10-20 tons, 100 lbs.	7.50	—
1-9 tons, 100 lbs.	7.65	—
less than ton lots, 100 lbs.	7.90	—
Santonin, cryst., cns., kilo.	40.00	-42.00
resale, cns., lb.	19.00	-21.00
Saponin, crude, cns., lb.	1.45	—
purified, bots, 5 lbs., lb.	1.65	—
cns., 25 lbs., lb.	1.50	—
Sarsaparilla root, Honduras, bls., lb.	.38	- .40
Mexican, bls., lb.	.13	- .14
Sassafras, bark, ord., bls., lb.	.13	- .15
select, bls., lb.	.18	- .20
Savory, bbls., lb.	.07½	- .07¾
Saw palmetto berries, bgs., lb.	.07	- .07½
Scammony root, bgs., lb.	.06	- .07
Schaeffer's salt, bgs., lb.	.46	—
Seidlits mixture, bbls., 5,000 lbs., 1 shipm't, lb.	.14½	—
smaller lots, lb.	.15½	—
kegs, 5,000 lbs., 1 shipm't, lb.	.15½	—
smaller lots, lb.	.15⅝	—
Selenium, pwd., A, 10-lb. tins, lb.	2.00	—
100-lb. cases, lb.	1.75	—
Senega, root, bls., lb.	.65	- .70
Senna leaves, Alexandria, bls., lb.	.10	- .14
siftings, bls., lb.	.08½	- .09
Tinnevelly, No. 1, bls., lb.	.09	- .10
2 bls., lb.	.07	- .08
3 bls., lb.	.04¾	- .05½
powd., bbls., bxs., lb.	.09	- .10
Pods, bls., lb.	.05½	- .06
Serpentaria root, bls., lb.	.70	- .75
Shellac, bleached, bonedry, bbls., f.o.b., N.Y., lb.	.19	- .20
divd. Boston, lb.	.19½	- .20¼
Chicago, lb.	.19¾	- .20⅜
Pacific Coast, lb.	.22	- .23
refd., bbls., f.o.b. N.Y., lb.	.25	—
divd. Boston, lb.	.25½	—
Chicago, lb.	.25⅝	—
Pacific Coast, lb.	.28	—
Shellac, garnet, bgs., lb.	.12½	- .18
Orange, D.C., VSO., Diamond, cases, lb.	.20	- .21
Superfine, bgs., f.o.b. Bost. N. Y., lb.	.11	- .11½
divd. Chicago, lb.	.11¼	- .12
Pacific Coast, lb.	.14½	- .15
T.N., bgs., f.o.b. Bost., N. Y. lb.	.10½	- .11
divd. Chicago, lb.	.11	- .11½
Pacific Coast, lb.	.13¼	- .14
Shellac varnish, orange, 5-lb. cut, bbls., gal.	.90	- .95
4½-lb. cut, bbls., gal.	.85	- .90
4-lb. cut, bbls., gal.	.80	- .85
white, 5-lb. cut, bbls., gal.	1.00	- 1.10
4½-lb. cut, bbls., gal.	.95	- 1.05
4-lb. cut, bbls., gal.	.90	- 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works, ton.	17.00	—
l.c.l., 2½ tons, works, ton.	19.00	—
smaller lots, works, ton.	20.00	—
wet-grd., 95-97%, 325 mesh., bgs., c.l., works, ton.	18.00	—
l.c.l., 2½ tons, work, ton.	19.50	—
smaller lots, works, ton.	21.00	—
400 mesh, bgs., c.l., works, ton.	35.00	—
l.c.l., 2½ tons, works, ton.	36.50	—
smaller lots, works, ton.	38.00	—
wet-grd., 96-98%, 325 mesh, bgs., c.l., works, ton.	20.00	—
l.c.l., 2½ tons, works, ton.	21.50	—
smaller lots, works, ton.	23.00	—
90%, 325 mesh bgs., c.l., works, ton.	22.00	—
l.c.l., 2½ tons, works, ton.	25.50	—
smaller lots, ton.	27.00	—
hard-quartz, 140 mesh, bgs., c.l., works, ton.	11.00	—
l.c.l., works, ton.	16.00	—
Silver bullion, oz.	.42¾	—
Govt. purchase, oz.	.6464	—
Cyanide, cns., 1,000 ozs., oz.	.39½	—
500-999 ozs., oz.	.39⅝	—
80-499 ozs., oz.	.39⅝	—
16-79 ozs., oz.	.42¼	—
Nitrate, vis., oz.	.31½	- .33⅛
Nucleinate, bots., cns., 480 ozs., oz.	.30	- .31
Proteinate, bots., cns., 480 ozs., oz.	.29	- .30
Simarubra bark, bls., lb.	.26	- .28
Skatol, bots., lb.	75.00	-80.00
Skullcap, Eastern, bls., lb.	.16	- .17
Western, bls., lb.	.14	- .17
Skunk cabbage root, bls., lb.	.12	- .13
Slate flour, bgs., c.l., works, ton.	9.00	—
l.c.l., works, ton.	10.00	-15.00
Sloe berries, bgs., lb.	.10	- .11
Smalt, black, extra velvet, cnts., lb.	.05	- .08
Blue, cts., lb.	.07	- .08¼
Snakeroot, Canada, bls., lb.	.24	- .26
Soapbark, bls., lb.	.07	- .08
crushed, bls., bbls., lb.	.11	- .12
cut, bls., bbls., lb.	.09½	- .10
powd., bbls., lb.	.13	- .14
Soda abietate, dms., lb.	.11	—
acetate, anhyd., dms., divd., lb.	.08¼	- .10
flake, gran., powd., 60%, dms., c.l., divd., lb.	.04	—
l.c.l., divd., lb.	.04¼	- .05
powd., 90%, dms., c.l., divd., lb.	.06	—
l.c.l., divd., lb.	.06¾	—
Alginate, dms., lb.	.70	—
Antimoniate, bbls., lb.	.11½	- .12
Arsenate, dms., dealers, c.l., works, lb.	.08	—
l.c.l., dms., works, lb.	.08½	—
Arsenite, dry, gray, dms., c.l., dealers' works, lb.	.07¼	- .09¼
l.c.l., dms., works, lb.	.08	- .10

INTERESTING USES OF ALKALIE

Bringing Down the Pheasant with the Help of Soda Ash

Sounds far fetched; but wait! It takes the finest steel to make guns that shoot straight and blades that stay sharp. Soda ash is used in the manufacture of quality steel. By reducing the sulphur content and by exercising certain other refining properties, sodium carbonate (soda ash) makes cast iron purer and closer grained. Hence steel made from iron thus treated is finer and possesses greater ductility.

COLUMBIA supplies the steel industry with Hennig Purifier; small briquettes of specially compounded soda ash which perform their humble but important part in foundry, blast furnace, open hearth and Bessemer mills to give the world cleaner, purer steel and iron.

And in the other fields of endeavor in which COLUMBIA Soda Ash plays its part, purity is ever and eternally the watchword. So, too, with COLUMBIA Caustic Soda, Liquid Chlorine, Sodium Bicarbonate, Calcium Chloride and Modified Sodas — whether the shipment be large or small, the quality is always high and uniform. In fact, purity of product, cleanliness of containers, and the convenience of customers are the open secret of COLUMBIA's ever-widening distribution.

COLUMBIA

SODA ASH • CAUSTIC SODA • SODIUM BICARBONATE • • •
MODIFIED SODAS • LIQUID CHLORINE • CALCIUM CHLORIDE

THE COLUMBIA ALKALI CORPORATION
BARBERTON, OHIO
NEW YORK • CHICAGO • BOSTON • ST. LOUIS • PITTSBURGH • CINCINNATI • CLEVELAND • MINNEAPOLIS • PHILADELPHI

Soda, arsenite, dry, white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
liquid, 50 gls., dms.....gal. .35 - —
Soda arsenite, dry, gray, prices are ½c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —

Soda ash, dense, 58%, l.c.l., Zone 1..100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l. .....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louus), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wchita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more. lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52

Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works. 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y.100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y.100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l., bgs.....100 lbs. 1.90 - 1.95

Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks, or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —

Bifluoride, bbls.....lb. .11¼- .12

Bisulphite, powd., bbls., c.l., bbls., wks.....100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —

Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.31 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda sal)
Caustic, flake, 76%, 1. gr. powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works.....100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½

Citrate, U.S.P., VIII, gran. bbls..225 lbs. .18½- —
cns., 50 lbs.....lb. .20½- —
25 lbs.....lb. .22½- .23½
kgs., 100 lbs.....lb. .19½- —
USP XI, gran., bbls., 250 lbs. lb. .24 - —
cns., 50 lbs.....lb. .26 - —
25 lbs.....lb. .28 - .29
kgs., 100 lbs.....lb. .25 - —
powd., bbls., 250 lbs.....lb. .26½- —
cns., 50 lbs.....lb. .26½- —
25 lbs.....lb. .28½- .29½
kgs., 100 lbs.....lb. .25½- —

Soda, cyanide, 96-98%, dom., dms. lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis.lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns. 100 lbs. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd..100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks., 100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots.....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks...100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., Feb.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis.ton.28.50 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l price range represents delivery at various points.

Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.53 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.73 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works, 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works.....100 lbs. 2.70 - —
l.c.l., works .....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .09½- .10
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd., 100 lbs. 5.10 - —
l.c.l. same basis..100 lbs. 5.35 - —
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
42°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04½- .04¾
import, bbls.....lb. .04 - .04½
Stannate, dms. .....lb. .30½- .33½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —

Soda, sulphide, solid, bbls., c.l., works..100lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .17½- .18
Spikenard root, bls.....lb. .12 .13
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works.....lb. .01½- —
powd., super, bgs, c.l., works. lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .11 - .12
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.50 - 2.70
dlvd., N. Y.....100 lbs. 2.85 - 3.05
powd., bgs., f.o.b. Chicago. 100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
Potato, dom., bgs.....lb. .04 - .06
import, bgs.....lb. .05 - .08
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bags....lb. .05 Nom.
Staveacre seed, bgs.....lb. .14 - .15
Stearin, oleo, bbls.....lb. .06 - .06¼
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13 - .14
Seed, bgs. .....lb. .09 - .10
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16½- .17½
Chloride, bbls. .....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom.. bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.05 - 1.10
Styralyl acetate, buts.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .66 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .63 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd. cns., 100-oz. lots, oz. .32 - —
Sucrose octa-acetate, denat., grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.65 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract.....long ton.20.50 - —
ex vessel, Puget Sound, Columbia River, and British Columbia ports, bulk, contract..long ton.22.00 - —
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
l.c.l., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
Refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.80 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.35 - —
bbls., works.....100 lbs. 2.70 - —
l.c.l., bgs., works.....lb. 3.20 - 3.60
bbls., works.....lb. 3.55 - 3.95
heavy, bgs., c.l., wks..100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.40 - 3.80
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works..100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Rubber maker's, com'l, 99½%, c.l., frt. alld...100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —

Soda Arsenite—Titanium

Sulphur chloride, 55-gal. dms., c.l..lb. .08 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Sumac, grd., Sicilian, bls....ton.66.00 - —
leaf, bales.....ton.70.00 - —
Extract, 42°, bbls.....lb. .05¼- —
51°, bbls.....lb. .06½- —
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, ogs., lb. .03½- .03¾
medium, bgs.....lb. .03 - .03½
poultry, bgs.....lb. .0400- .0430
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 18%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake, type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -12.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls..lb. .05¾ Nom.
extra, loose, works.....lb. .05½- —
special, loose, works.....lb. .05 - —
vegetable, ship., cs.....lb. .06½Nom.
sulphonated, 85%, (24% fat), dms., c.l..lb. .03¾- .04¾
l.c.l. .....lb. .04¼- .05¾
50% (43% fats), dms., c.l. lb. .05¾- .05¾
l.c.l. .....lb. .06¾- .06¾
50% (48% fat), dms., c.l...lb. .05¾- .06¾
l.c.l. .....lb. .06¾- .07¾
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 3.25 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.35 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.25 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, ship.unit-ton. 3.15 & .10
Tansy leaves, bls.....lb. .17 - .18
Tapioca flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works.....gal. .22 - —
l.c.l., same basis.....gal. .25 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .25 - .30
dlvd., ports.....gal. .20 - —
l.c.l. .....gal. .25 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .30 - .31
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27½- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27½- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum)
Tetrachloroethane, dms., works.lb. .03 - .03½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .03½- —
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, btls., wks..lb. 5.00 - 7.00
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .12 - .13½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .20
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd....lb. .44 - .44½
Crystals, bbls., kgs.....lb. .36 - .36½
Metal, Straits .....lb. .4620- —
Oxide, bbls.....lb. .50 - .53
Tetrachloride, anhyd., bbls...lb. .23½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. pd..lb. .14 - —
Pac. cst., f.o.b. terminals..lb. .15 - —
l.c.l., 5 tons, E. frt. pd. pd..lb. .14½- —
Pac. cst., ex whse..lb. .15½- —
1,000-9,999 lbs., E. frt. pd..lb. .14½- —
Pac. cst., ex whse..lb. .15½- —
50-999 lbs., E. frt. pd. lb. .14¾- —
Pac. cst., ex whse..lb. .15¾- —
under 50 lbs., E. frt. pd. lb. .17 - —
Pac. cst., ex whse..lb. .18 - —
bbls., c.l. (20 tons), E. frt. pd..lb. .14¼- —
l.c.l., 5 tons, E. frt. pd. lb. .14½- —
1,000-9,999 lbs., frt. pd. lb. .14¾- —
50-999 lbs., frt. pd....lb. .15 - —

Titanium—Wormwood

Titanium, phthalate-treated, bgs., c.l.,(20 tons), frt. pd..lb. .22 - —
l.c.l., 5 tons, E. frt. pd. lb. .22¼- —
Pac. cst., ex whse..lb. .22¼- —
1,000-9,999 lbs., E. frt. pd..lb. .22¼- —
Pac. cst., ex whse..lb. .22½- —
50-999 lbs., E. frt. pd..lb. .22¾- —
Pac. cst., ex whse..lb. .22¾- —
under 50 lbs., frt. pd. lb. .25 - —
bbls., c.l. (20 tons), E. frt. pd..lb. .22¼- —
l.c.l., 5 tons, E. frt. pd..lb. .22½- —
1,000-9,999 lbs., E. frt. pd..lb. .22¾- —
50-999 lbs., E. frt. pd.. lb. .23 - —
Pigment, barium, calcium, or magnesium base, c.l., E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal..lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld..lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Toludin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .48
Toluidin, mixed, dms.....lb. .56 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. 23¾ -
tanks, E. of Omaha, frt. alld. gal. 23½ -
Tonga vine, NF, bls.....lb. .26 - .28
root, bls.....lb. .38 - .40
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs., lbs.lb. 1.00 - 1.10
Triacetin, dms.....lb. .26
Triamyl borate, dms., l.c.l., works..lb. .27
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l.....lb. .70 - —
Tributyl citrate, dms., l.c.l., dlvd .lb. .35 -
Phosphate, dms., l.c.l., dlvd., lb. .46 - .48
cns., works .....lb.
Tributylamine, dms., l.c.l., works
Trichlorocthylene, dms., c.l. works, frt. alld. Zone A...lb. .080 - —
l.c.l., dms. .....lb. .094 - —
Zone B, c.l. .....lb. .104 - —
l.c.l., dms. .....lb. .109 - —
Zone C, dms., l.c.l.....lb. .104 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., 1, dms., c.l. .....lb. .23 - —
500 lbs., dms.....lb. .23½- —
less than 500 lbs., dms.lb. .26½- .37½
2, dms., c.l. .....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .34½
Triethanolamine, dms., c.l., works, lb. .10 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.00 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.10 - 2.20
Oxide, CP, kgs.....lb. 2.40 - 2.60
Chem. grade, kgs.....lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs..lb. .05½- .05⅞
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .29½- —
l.c.l., 10 ex dock.....gal. .31½- —
5, ex dock.....gal. .33½- —
wood, dest., dist., dms., dlvd. E. cities, ports..gal. .22 - .24
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - .32
tanks, dlvd.....gal. .22 - —

U

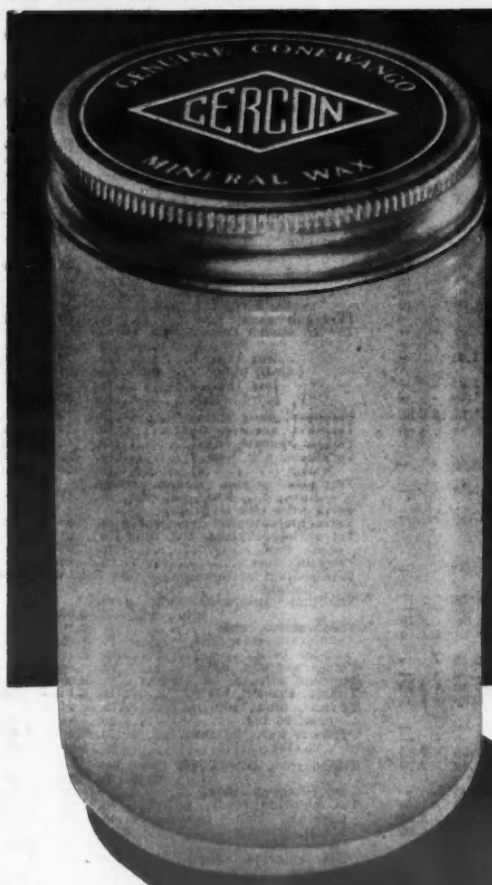
Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.60 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .08¼- .08½

V

Valerian root, bls.....lb. .10 - .12
Valonia, beards, bgs., ship..ton.47.00 - —
Cups, bgs., shipt.....ton.31.00 - —
extract, powdered, 65%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 5.00 - 5.50
Mexican, tins.....lb. 5.00 - 5.50
cut, tins.....lb. 4.75 - 5.00
South American, tins.....lb. 4.50 Nom.
Vanillin, ex eugenol, 25-lb. tins, lb. 2.20 - —
5-lb. tins.....lb. 2.25 - —
1-lb. tins.....lb. 2.35 - —
ex guaiacol, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
Vanillin, ex lignin, 25-lb. tins..lb. 2.10 - —
5-lb. tins..... 2.15 - —
1-lb. tins.....lb. 2.25 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .25
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wax, bayberry, import, bgs...lb. .18½- .19
Bees, white, bleach, slabs, cs.,
Wattle bark, bgs., shipt.....ton.36.50 -38.50
Extract, bbls.....lb. .04½- —
Wax, bayberry, import, bgs...lb. .18½- .19
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10.....lb. .18½- .19
1 bg. .....lb. .19 - .19½
Brazil, Chile, bgs., 5-10 tons, lb. .21 - .21½
1 ton.....lb. .21½- .22
500 lbs. .....lb. .22 - .22½
100 lbs. .....lb. .22½- .23
refd., slabs, cs., lbs....lb. .25½- .26
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .29 - .30
5 bgs. .....lb. .29½- .30½
1 bg. .....lb. .30 - .31
N. C. 2, bgs.....lb. .34 - .35
N. C. 3, bgs., 1 ton.....lb. .30 - .30½
5 bgs .....lb. .30½- .31
1 bg. .....lb. .31 - .31½
refined, bgs. .....lb. .33½- .34½
yellow, No. 1, bgs., 1 ton...lb. .37½- .39
5 bgs. .....lb. .38 - .39½
1 bg. .....lb. .38½- .40
No. 2, bgs.....lb. .36½- .38
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs. .....lb. .10½- .10¾
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
76°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .18 - .21
cakes, cs.....lb. .19 - .22
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.79 - —
dms., 50 lbs., or more...lb. 1.66 - —
Whiting, chalk, com'l., dry-grd., bp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
Whiting, chalk, coml., dry-ground, pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Paris white, bp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.00 -
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 -
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 -
2-4 tons, works.....ton.14.50 -
extra, bgs. (extra), c.l., works. ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 -
4-8 tons, works....ton.14.50 - -
2-4 tons, works.....ton.15.50 - -
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.... .ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural. bls..lb. .04¼- .06
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild Indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, bots..ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .08 - .10
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10



PERHAPS THIS NEW SYNTHETIC WAX WILL LOWER YOUR PRODUCT COST

Into the highly complex field of commercial waxes comes CERCON, a refined mineral product which is supplied in six colors: Snowdrift, Lemon, Orange, Tangerine, Apricot and Olive.

Having an ASTM penetration of 50 with the 50 gram weight attached, CERCON has a wide scope of commercial uses. In many of these uses it offers the manufacturer or compounder a substantial saving over the material now in use, such as ceresin and ozokerite.

Without attempting to further analyze the application of CERCON to any given product or process, we offer test samples to any interested user of this type of material.

Your inquiry will be promptly acknowledged

The Conewango Refining Co.
WARREN, PENNSYLVANIA

X

Xylol (xylene), indus., dms., works	gal.	.31 -	—
tanks, E. of Omaha, frt. alld.,	gal.	.26 -	—
W. Coast, f.o.b. Minnequa, Colo.	gal.	.26 -	—
nitration, dms., works	gal.	.42 -	—
tanks, E. of Omaha, frt. alld.,	gal.	.33 -	—
W. Coast, f.o.b. Minnequa, Colo.	gal.	.33 -	—
Xylol, 5°, dms., works	gal.	.37 -	—
tanks, E. of Omaha, frt., alld.,	gal.	.32 -	—
10°, dms., works	gal.	.34 -	—
tanks, E. of Omaha, frt. alld.,	gal.	.29 -	—
Xylidin, mixed, dms	lb.	.35 -	.36

Y

Yara yara, cryst., cns	lb.	1.25 -	1.50
Yellow, cadmium, CP, import., bxs	lb.	1.35 -	1.75
lithopone, all shades, bbls. 1 ton, works, frt. alld.	lb.	.45 -	—
smaller lots, same basis,	lb.	.50 -	—
kgs., ton lots, same basis,	lb.	.50 -	—
smaller lots, same basis,	lb.	.55 -	
sulphide, orange, bbls., works,	lb.	.75 -	—
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.14½ -	—
open order	lb.	.15½ -	—
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.) Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dutch, pink, bbls.	lb.	.09 -	.11
Hansa, bbls., same basis, chrome	lb.	1.57 -	—
primrose shade, bbls., same basis, chrome	lb.	1.75 -	—
Mercury oxide (see M).			
Ocher, Amer., golden, A, bbls., works	lb.	.06½-	—
B, bbls., works	lb.	.04½-	—
C, bbls., works	lb.	.03½-	—
yellow, A, bbls., works	lb.	.02¾-	—
B, bbls., works	lb.	.02½-	—
C, bbls., works	lb.	.02 -	—
D, bbls., works	lb.	.0190-	—
E, bbls., works	lb.	.01775-	—
F, bbls., works	lb.	.01½-	—
G, bbls., works	lb.	.01½-	—
H, bbls., works	lb.	.01¾-	—
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import	lb.	.02475-	—
New York (f.o.b.)	lb.	.02½-	—
Philadelphia, for import	lb.	.02¾-	—
Portland, Seattle	lb.	.03 -	—
San Pedro, S. Francisco	lb.	.0290-	—
l.c.l., ex dock, Balto, Boston, N. Orleans	lb.	.02575-	—
New York	lb.	.02½-	—
ex-dock Phila., for import	lb.	.02¾-	—
Portland, Seattle	lb.	.03½-	—
San Pedro, S. Francisco	lb.	.03 -	—
ex whse., Balto., Boston. N. Orleans	lb.	.02725-	—
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis,	lb.	.03¾-	—
Minneapolis	lb.	.03½-	—
New York	lb.	.02¾-	—
Pittsburgh	lb.	.03¾-	—
Portland, Seattle	lb.	.03¾-	—
San Pedro, S. Francisco	lb.	.0314-	—
f.o.b. N. Y., from dock,	lb.	.02¾-	—
from whse.	lb.	.02¾-	—
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y.	lb.	.04½-	—
l.c.l., same basis	lb.	.04¾-	—
synth., bbls., c.l., works	lb.	.06½-	—
l.c.l., same basis	lb.	.04¾-	—
Persian orange (see O).			
Zinc, bbls., same basis chrome CP. contracts	lb.	.18 -	—
open order	lb.	.19 -	—
Yellow dock root, bls.	lb.	.09 -	.10
Yellow root (xanthorhiza), bls.	lb.	.09 -	.10
Yerba santa leaves, bls.	lb.	.07½-	.08
Yohimbine hydrochloride, vis.	oz.	2.50 -	2.55

Z

Zinc acetate, tech., bbls., dvld.,	lb.	.21 -	—
USP, bbls., 250 lbs.	lb.	.27 -	—
kgs., 100 lbs.	lb.	.29 -	—
Arsenite, bgs., c.l. dealers, E. of Rockies	lb.	.12 -	—
l.c.l., bags	lb.	.12½-	—
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.			
Carbonate, tech., bbls.	lb.	.14 -	.15
USP, precip., powd., bbls.	lb.	.31 -	—
dms.	lb.	.36 -	—
kgs.	lb.	.33 -	—
Chloride, fused, dms., c.l., works	100 lbs.	4.25 -	—
l.c.l., works	100 lbs.	4.60 -	—
gran., dms., c.l., works, 100	lbs.	5.00 -	—
l.c.l., dms., works.	100 lbs.	5.75 -	—
USP, 200-lb. dms.	lb.	.25 -	—
25-lb. jars	lb.	.31 -	—
solut., dms., wks.	lb.	.04½-	—
tanks	lb.	.0226-	—
Cyanide, kgs., works	lb.	.33 -	—
Dust, bbls., c.l., dlvd	lb.	.06½-	—
l.c.l., bbls., dlvd	lb.	.07 -	—
Fluoride, bbls.	lb.	.20 -	.25
Iodide, N.F., bots	lb.	4.35 -	—
jars	lb.	4.20 -	—
Metal (see daily quotations in Market report)			
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06½-	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	.07¾
ex whse., Pac. cst.,	lb.	.06½-	.07¾
bbls., c.l., dlvd.	lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.08
ex whse., Pac. cst.	lb.	.06¾-	.08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06½-	—
l.c.l., dlvd., except ex whse., Pac. cst.	lb.	.06¾-	—
bbls., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	—
ex whse., Pac. cst.	lb.	.06¾-	—
Zinc oxide, pigment, dom., Amer. process, com'l, leaded, bbls., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd. except Pac. cst.	lb.	.06¾-	—
ex whse., Pac.cst.	lb.	.06¾-	—
35% bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¼-	—
ex whse., Pac. cst.	lb.	.06¼-	—
bbls., c.l., dlvd.	lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¼-	—
ex whse., Pac. cst.	lb.	.06¼-	—
50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.0606-	—
Pac. cst.	lb.	.0612 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.0631-	—
ex whse., Pac. cst.	lb.	.0631 -	—
bbls., c.l., dlvd.	lb.	.0631-	—
l.c.l., dlvd., except Pac. cst.	lb.	.0656 -	—
ex whse., Pac. cst.	lb.	.0656 -	—
French process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06¼-	.07¾
ex whse., Pac. cst.	lb.	.06¼-	.07¾
bbls., c.l., dlvd.	lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.08
ex whse., Pac. cst.	lb.	.06¾-	.08
green seal, bgs., c.l., dlvd.	lb.	.08 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¼-	—
ex whse., Pac. cst.	lb.	.08¼-	—
Zinc oxide, French process, green seal bbls., c.l., dlvd.	lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¾-	—
ex whse., Pac. cst.	lb.	.08⅝-	—
red seal, bgs. c.l., dlvd.	lb.	.07¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.07¾-	—
ex whse., Pac. cst.	lb.	.07¾-	—
bbls., c.l., dlvd.	lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08 -	—
ex whse., Pac. cst.	lb.	.08 -	—
white seal, bgs., c.l., dlvd.	lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¾-	—
ex whse., Pac. cst.	lb.	.08⅝-	—
bbls., c.l.	lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.09 -	—
ex whse., Pac. cst.	lb.	.09 -	—
Import, gold seal, cks., ex whse.	lb.	.13 -	.14
green seal, bbls., ex whse.	lb.	.10 -	—
white seal, cks., ex whse.,	lb.	.11 -	12¼
USP, bbls., c.l.	lb.	.09½-	—
Palmitate, bbls.	lb.	.28 -	.35
Resinate, fused, pale, bbls.	lb.	.10 -	—
precip., dms., dlvd.	lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 -	—
l.c.l., 1 ton	lb.	.21 -	—
1,000-2,000 lbs.	lb.	.22 -	—
less than 1,000 lbs.	lb.	.23 -	—
U.S.P., bbls.	lb	.21 -	—
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 -	—
l.c.l.	100 lbs.	3.50 -	—
bbls., c.l.	100 lbs.	3.90 -	—
l.c.l.	100 lbs.	3.65 -	—
flake bgs., c.l.			
l.c.l.	100 lbs.	3.85 -	—
bbls., c.l.	100 lbs.	3.50 -	
l.c.l.	100 lbs.	4.00 -	

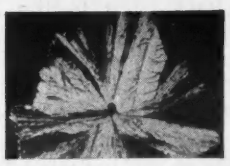
Xylol—Zirconium

Zinc, sulphate, powd., bgs., c.l.	100lbs.	4.35 -	—
l.c.l.	100 lbs.	5.10 -	
bbls., c.l.	100 lbs.	4.50 -	
l.c.l.	100 lbs.	5.25 -	
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.07¼-	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¼-	—
bbls., c.l. (20 tons), dlvd.	lb.	.06½-	—
l.c.l., dlvd. E. or ex whse Pac. cst.	lb.	.08¾-	—
Sulphocarbolate, NF, bbls.	lb.	.24 -	.26
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15 -	
l.c.l., works	100 lbs.	5.50 -	
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¼-	—
ex whse., Pac. ct.	lb.	.05¼-	—
Zirconium nitrate, kgs., works.	lb.	3.00 -	4.00
Oxide, crude, 70-75%, grd., bbls., works	ton.	75.00 -	100.00
white, 98%, rgd., kgs., works,	lb.	1.30 -	2.00

Synthetic Resins

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the February 6 issue; the next printing will be in the March 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

NEW LIGHT
ON SURFACE COATINGS


The molecular condition in surface coatings should come as close to the colloidal state as possible. Knowledge of crystal formation is essential to achieve this aim.

Wrinkle types and formation in surface coatings are another factor demanding intimate study to determine how this undesirable characteristic can be reduced to a minimum.

Growth of lead soap needles improves strength and moisture resistance of surface coatings. These needles penetrate the film, providing greater mechanical strength.

The study of rust and other corrosive growths is highly important in developing surface coatings for metals that resist the formation of these destructive conditions.

Understanding internal tensions that result in film breakage is vital to obtaining more elastic properties that extend the life and service of surface coatings.

Reichhold Produces Remarkable Motion Picture Study on Inner Action of Paints, Varnishes and Lacquers

The chemical and mechanical forces at work in the formation and destruction of paint, varnish and lacquer films, for the first time, can be seen—in motion!

The Reichhold research staff, utilizing polarized light and a specially developed photographic technique, has recently completed a microscopic motion picture covering various aspects of surface coating phenomena. This motion picture study penetrates the molecular structure, revealing the internal forces that add to or detract from the successful use of paints, varnishes and lacquers.

Members of paint and varnish clubs, interested in seeing this significant motion picture, are invited to address their inquiries to

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Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

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Vol. 135 February 13, 1939 Number 7

Drug Law Guaranties

The giving of guaranties under the Federal food and drugs act of 1906 has gone somewhat out of fashion. Administrative procedure under the act has tended to minimize the necessity for this once obligatory practice. The new wording of section 301 of the food, drug, and cosmetic act, which will become effective nineteen weeks hence, has imperatively revived interest in the guaranty as a very necessary commercial document.

Full provision is made in the new law to afford the protection of the guaranty to intermediate distributors of drugs and cosmetics. They will need it, and they are already manifesting a lively interest, not only in assurance that they will get it, but also in the form in which it will be provided. The question thus presented is not so simple as it may at first glance appear.

Under the still effective Federal law the process of giving a guaranty to intermediate distributors was evolutionarily reduced to the simple, adequate printing of a guaranty on the manufacturer's invoice. This method apparently will meet the requirements of the new law to an extent, but it presents some possibilities of reactionary trouble for manufacturers.

The revolutionary changes made by the new law, aside from its inclusion of cosmetics and the puzzle about new drugs, have to do with labeling. That is where the guaranty is going to be badly needed and consequently vigorously demanded. It may be assumed that manufacturers will have taken adequate steps to assure themselves that their labels and other labeling are as nearly legal as they can be made. This they can guarantee. The question is:—How can they do the guaranteeing so as to protect themselves, as well as those to whom they sell?

This question arises from the undeniable fact that there will be in the hands of intermediate distributors when the new law becomes effective stocks of many drugs and cosmetics which are not legally labeled. How can these be differentiated from those to which a guaranty on a recent invoice applies? If these goods do not re-enter interstate commerce, the new law will not apply. But, there seems to be cause to believe that a return to the old guaranty on the package is desirable.

Lightening Tax Burdens

All over the country, in local fields, in States, and in a national endeavor, vigorous efforts are being made to arouse taxpayers to active opposition to the continuation or the increasing of heavy governmental expenditures. "Balanced budgets" is the objective of this drive. "Cut expenditures; don't increase taxes" is the slogan. The objective is a highly necessary one. The means suggested for its attainment is the logical one. But, there is a somewhat erroneous conception of the nature of the fight.

The fight against ever-increasing taxation necessitated by ever-increasing governmental expenditures is popularly called a "revolt." This designation is not adequate. The situation at which the fight is directed calls not so much for a revolution as for a civil war. The fault fundamentally is not government's. Governmental spending is largely a result of popular demands which arise from and persist because of an already widespread and steadily growing erroneous popular conception of the proper relation of a government to its people.

The cause lies still deeper, in the failure of the people as a whole to do for themselves, each according to his ability, all that should be done. Government is not impersonal; it is not superhuman. The traits which influence human behavior in all other respects are the controlling motives in government. Failure of the governed to manage their own affairs is seized upon by those who are chosen to govern, in a response that is readily understandable, as an opportunity for self-advancement. The results of this perfectly human course are unquestionably undesirable. Their prevention or avoidance calls for the closing of the doors to the opportunities which make them possible.

These doors are several. Their closing cannot be permanently effected by successfully convincing those who temporarily govern that governmental expenditures should be reduced. The effective means is to be found in the convincing of those who are responsible for government's resorting to spending for the sake of appeasement or for more narrowly selfish reasons that they have no right to burden all with the cost of favors bestowed upon them; that they must do their part in the maintenance of the general welfare; that, whatever they may think to the contrary, they are paying for what they get and for what others get through governmental subsidy or other assistance.

The way to reduce governmental expenditures and to keep them down is to develop a widespread popular sentiment against the providing of this thing and that thing at governmental expense. This requires, of course, that things which are needed—and the determination of these entails a serious task—shall be provided without the assistance of government. It requires also that the old adage, "He who will not work, shall not eat," shall be fearlessly and impartially applied, to shirkers and loafers and all other parasites in private life and in public office. It does not require a "revolt," but rather calls for the laying of a firm hand of restraint upon all who profit, as givers or as receivers, from governmental expenditures not in strict keeping with the proper functioning of government.

—O-P-D—

Fertile Field For Research

A new plant disease has become of such seriousness that, from the reciprocal basicity of all industries, there arises a need for a thorough study by those who provide insecticidal and fungicidal weapons against agricultural pests of means of combating it. This newest plague is a fungous disease that attacks the persimmon and is threatening to destroy this valuable tree as the chestnut blight practically exterminated another useful one.

Persimmon wilt, as this plant disease is called, was discovered about a year ago. It was then not regarded as of other than local significance; but it has spread with disturbing rapidity and is now prevalent in about six States. So far the disease has not appeared in the Pacific coast regions where the food-fruit persimmon is grown, and plant pathologists do not know whether it will attack this variety of the tree. Its threat to the native Southeastern persimmon is most evident, and the value of this tree for its particularly useful wood makes this a serious matter.

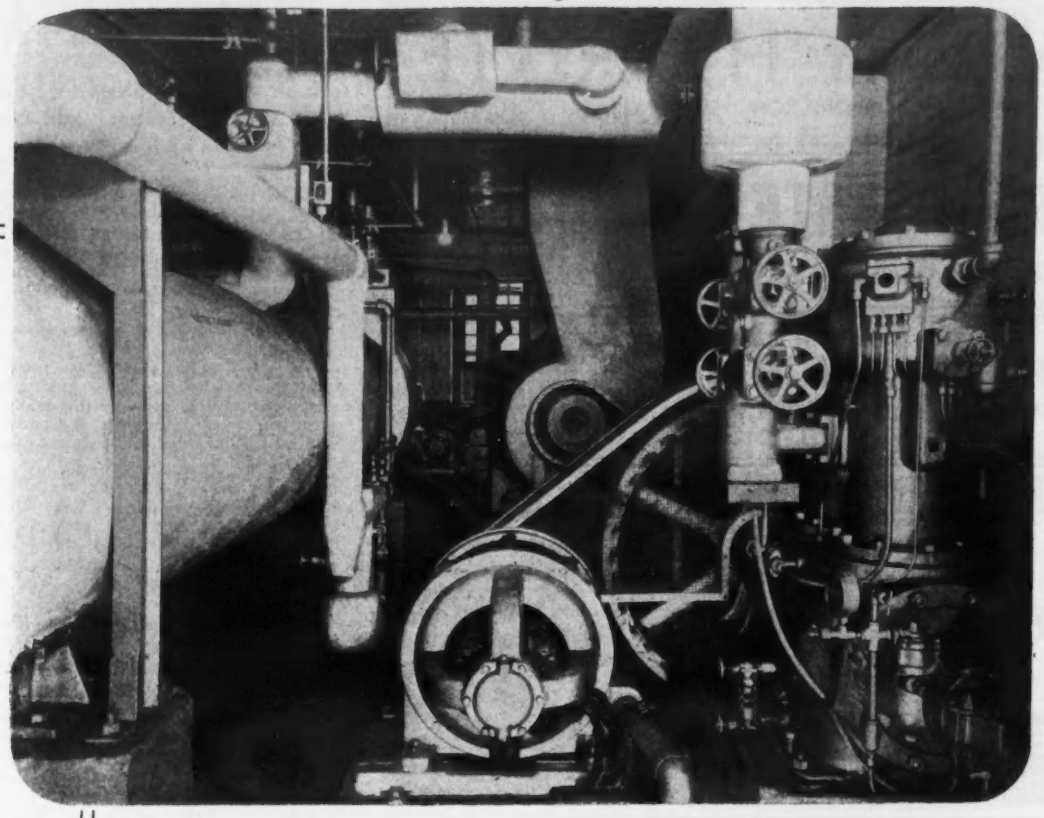
Governmental plant experts have been studying persimmon wilt since it was discovered. They have found no means of combating it. This search is one of a sort all too largely allowed to be confined to governmental functioning, along with that in respect of the chestnut blight and the Dutch elm disease. The condition at which it is directed adds another demand for the development by private enterprise of a more widely applied system of research in the field of insecticides, fungicides, and other agents for the protection of plant materials of the country—food crops and forest products.

Research has proved its value to industry in many fields. Chemical research alone has found useful and profitable application in almost every line of industrial enterprise. Certainly chemical research has a larger role than has been allotted to it in the definitely chemical field of insecticidal and fungicidal agents. The agricultural insecticide and fungicide industry should not permit government to do even a substantial part of the work of developing plant-protecting agents of which that industry logically expects to be accepted as the supplier. It is not reasonable to expect government to do the hard part of this work and to turn over a complete working formula for exploitation by private enterprise. If this is the attitude of manufacturers, they cannot in justice complain if government stays on the job and takes to itself the complementary function of supplying what it has developed, not only by purchase, as is now in large degree the case, but as actual producer.

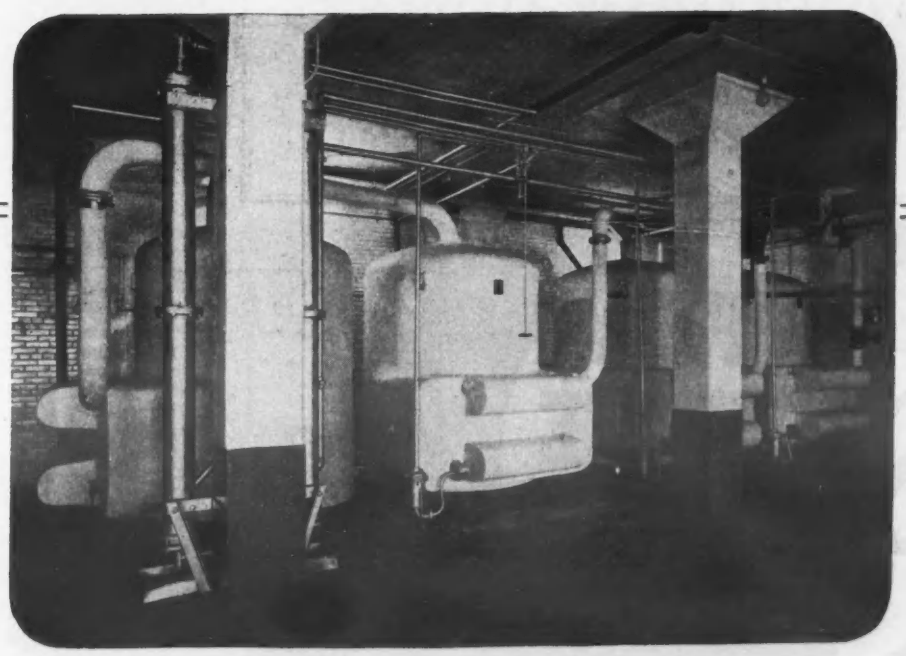
There are many matters which better deserve governmental attention than does the study of agricultural pests and of means of combating them. That is definitely a business job—or it is, and well it may be, an entering wedge for further governmental encroachment upon the realms of private enterprise. Insecticidal and fungicidal research should be carried on by the agricultural insecticide and fungicide industry. The field is wide, and the need for an industrial institute or laboratory, or at least for adequate fellowships, is as plain as a bug on a bud.

Business Survey Next Week

The Oil, Paint and Drug Reporter will publish in its February 21 issue the results of its quarterly nationwide business survey covering the last quarter of 1938 and summarizing statistical data for that year and the opinion of the chemical, oil, and drug industries with respect to the business outlook.



Cream Tartar
Tartaric Acid
Rochelle Salt
Tartar Emetic



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Heavy Chemicals

Outlook Cheerful Despite Slight Slowing Down in the Demand —Calcium Arsenate and Nicotine Sulphate Prices Renewed —Calcium Chloride Active—Tin Salts Easier

Demand for industrial chemicals was slightly slower last week. Despite the temporary lull, business continued to make favorable comparisons with the same period a year ago. The concensus in the trade indicated that January business was ahead of December and considerably above the same month a year ago. The leveling off in February was expected to be short lived, and a resumption of the moderate upturn remained cheerful in view of the gradual improvement in major consumers' operations. This was especially demonstrated in automotive, glass, paper, steel and rayon production. The market lacked any price feature, and changes were confined to slight reductions in anhydrous tetrachloride of tin and Straits tin.

Favorable operating schedules in glass and paper were beneficial to chlorine, saltcake, certain alums, soda silicate and the alkalies. Activity in the automotive industry was directly felt in cyanides and other plating chemicals. The higher rayon output was a helpful factor for acetic acid. Calcium chloride moved in good volume, reflecting the severe weather conditions in most sections. Shipments of nickel salts were moving satisfactorily. Interest in most potash salts was fairly well maintained. Antimony metal and compounds underwent no further price changes. Fractional decline in Straits tin was reflected in a slight decline in anhydrous tetrachloride of tin. Soda stannate was receiving attention from the plating trade, and business was comparatively good. Demand for sulphuric acid failed to show any marked expansion. Agricultural insecticide and fungicide market was featured by release of this season's schedule in nicotine sulphate and calcium arsenate, which remained the same as previously.

Alums.—Demand for alumina sulphate, ammonia and potash alums continued steady. The paper industry and the call for water treating purposes provided the market with the bulk of the business. Quotations were maintained at previous levels. December imports of alumina sulphate totaled 291,269 pounds, valued at $2,708, all of which came from Belgium.

Ammonia, Aqua.—Shipments were moving into major consuming channels in fair volume, withdrawals against contracts made up most of the transactions. No change took place in the quotations.

Ammonia Nitrate.—There was little feature to the market, and business was quiet at this time. Prices ruled unchanged. December imports amounted to 295,058 pounds, valued at $4,416, of which 220,000 pounds came from Belgium and 74,858 pounds from Norway.

Ammonia Silicofluoride.—Business remained dull in the market last week. Prices were in conformity with those prevailing previously. December imports aggregated 25,968 pounds, valued at $1,667, all of which came from the Netherlands.

Ammoniac, Sal.—The call for the white and gray material was moderate, although consumers were making their appearance consistently for necessary requirements. No change occurred in the quotations. December imports were 840,491 pounds, valued at $251,218, of which 711,986 pounds came from Norway; 120,105 pounds from Poland and Danzig and 8,400 pounds from the United Kingdom.

Antimony.—Domestic metal was unchanged at the 11¼c. per pound level established recently. Dealings in the market were confined to limited quantities in practically all instances. No further price changes occurred in the market for oxide and needle of antimony, and business remained quiet.

Arsenic.—Seasonal movement of white material for the manufacture of insecticides provided the market with some activity. Aside from this development, commitments were usually of a routine nature. Prices were well maintained. December imports of white arsenic totaled 2,861,101 pounds, valued at $55,294, of which 1,235,450 pounds came from Mexico; 652,035 pounds from Sweden; 381,947 pounds from France; 369,672 pounds from Canada and 246,600 pounds from Japan.

Bleaching Powder.—Consumers were making only necessary withdrawals throughout the past week. Prices were without alteration. December imports amounted to 113,009 pounds, valued at $2,858, of which 49,612 pounds came from Germany and 63,397 pounds from the United Kingdom.

Blue Vitriol.—Interest in the market was maintained at satisfactory levels. Active preparations were under way for the Spring agricultural demand, while commercial withdrawals provided a steady demand. Prices were unchanged. December exports totaled 368,320 pounds, valued at $16,140, of which 197,200 pounds went to Mexico and 130,200 pounds to Honduras.

Calcium Chloride.—Shipments were moving out at a good pace. The severe weather conditions in most sections of the country augured well for this material in ice control activities, while the call for other purposes was reported as satisfactory. Quotations were without change. December imports amounted to 401,917 pounds, valued at $2,291, of which 351,937 pounds came from Germany and 49,980 pounds from Japan.

Carbon Tetrachloride.—A steady interest prevailed in most directions for moderate quantities. The call for dry cleaning purposes was holding up comparatively well for this time of the year, and the heavier consuming period was just ahead. Prices were retained at previous levels.

Chlorine.—Business in the market was spotty during the past week. However, the paper, textile and other manufacturing consumers were making fair size withdrawals. There were no new price developments, and quotations previously established were maintained.

Cobalt Oxide.—Commitments were usually made up of small quantities, and dealings were largely of a routine character. Pricewise the market underwent no change. December imports aggregated 47,600 pounds, valued at $64,692, of which 43,050 pounds went to Finland; 1,050 pounds to France and 3,500 pounds to Germany.

Copper.—There was little change in the character of business in the market for domestic copper, and demand remained relatively dull. The quotation of 11¼c. per pound was unchanged. There was little feature to the dealings in the foreign market, and quotations ranged from 10.15c. to 10.30c. per pound, c.i.f. European base ports.

Fluorspar.—Interest in the market was negligible at this time. Quotations were nominal.

Lead Acetate.—There was little feature to the dealings in the market, and business was usually confined to moderate quantities. No change occurred in the prices.

Molybdenum Metal Powder.—Demand for the account of the metallurgical trade was making a favorable showing with the same period a year ago. Prices ruled unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Tin, Straits, ½c. per lb.
tetrachloride, anhy., ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.2	147.2	147.2	154.2

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Nickel Salts.—Shipments were moving into consuming channels at a favorable pace, with the plating trade well represented. A steady to firm price tone remained in evidence.

Potash Carbonate.—Demand was described as fair, with interest from major consumers steady for necessary requirements. Quotations ruled unchanged. December imports totaled 92,076 pounds, valued at $5,032, all of which went to Germany.

Potash, Caustic.—Conditions in the market underwent little change, with demand from textile trade and other consumers holding at moderate levels. Prices continued at the same basis. December imports were 90,706 pounds, valued at $5,569.

Potash Chlorate.—The match industry provided a steady call for necessary quantities last week. Quotations were in conformity with those prevailing previously. December imports aggregated 795,779 pounds, valued at $49,664, of which 485,012 pounds came from Germany, 197,449 pounds from Switzerland, 47,003 pounds from Sweden, 55,115 pounds from Japan and 11,200 pounds from France.

Potash Cyanide.—Interest in the market was maintained at modest levels throughout the past week. Quotations were without change. December imports amounted to 11,739 pounds, valued at $4,012, of which 9,259 pounds came from Germany and 2,480 pounds from France.

Saltcake.—Withdrawals by the paper and glass trade were holding at satisfactory levels. Operations in the Kraft paper industry were showing a gradual upward trend, which was expected to continue for several weeks at least, while glass output was running well ahead of a year ago. No new price developments took place.

Saltpeter.—Business was irregular, although some consuming lines were making their appearance quite steadily for moderate size quantities. A steady to firm price tone predominated. December imports totaled 143,299 pounds, valued at $5,686, of which 99,207 pounds came from France and 44,092 pounds from the Netherlands.

Soda Ash.—Shipments were moving against contracts at a moderately active pace in most directions last week. The petroleum, textile, glass and paper industries continue to be well represented. Price schedules were without alteration.

Soda Bisulphate.—A steady interest was reported from most important consuming channels throughout the past week. Quotations were well maintained at levels previously in force.

Soda, Caustic.—Withdrawals by basic consuming industries were holding fairly good, with replacement buying making its appearance. Quotations were unchanged.

Soda Cyanide.—The call from the electroplating and case hardening industry was moderate, and trading was held close to current production requirements.

Soda Pyrophosphate.—Business in the market was sustained at satisfactory levels. There were no further price adjustments, and quotations established recently were well maintained.

Soda Silicate.—A steady to firm price tone continued to characterize the dealings in the market, and sellers were able to point to a moderate buying interest from several important consuming channels.

Soda Silicofluoride. — Withdrawals from the glass and laundry trade made up the bulk of the business in the market, with commitments usually for nearby needs. Quotations for the domestic and imported material were unchanged. December imports aggregated 349,563 pounds, valued at $8,159, of which 284,283 pounds came from Denmark, 22,156 pounds from Germany and 43,124 pounds from Italy.

Soda Stannate.—Demand was holding at relatively good levels, and this was attributed principally to the better interest from the plating trade. Despite the decline in the Straits metal, price was unchanged at 30½c. to 33½c. per pound.

Strontium Nitrate.—There was little feature to the trading in the market, and small quantities usually made up the call. Prices continued at the same levels. December imports amounted to 51,025 pounds, valued at $3,264, all of which came from Germany.

Tin Salts.—Quotation for anhydrous tetrachloride of tin was reduced ¼c. to 23¼c. per pound; tin crystals and anhydrous stannous chloride of tin were without change. Straits tin declined to 45¾c. per pound.

Uranium Oxide.—Quiet conditions prevailed in the market. Quotations were without change. December imports totaled 54,485 pounds, valued at $83,888, of which 42,022 pounds came from Belgium and 12,463 pounds from Canada.

Acids

There was no particular feature to the market for mineral acids last week. The character of business was little changed, with the majority of consumers content to place orders for nearby requirements. Price schedules were without alteration. Interest in some acids was steady where major manufacturing consumers were experiencing comparatively good operating schedules. Acetic was favored by relatively good rayon activity. Business failed to show any marked expansion in sulphuric acid. Oxalic received a well diversified demand. Chromic was firm. Lactic was spotty.

Acetic.—Improvement in operating schedules of some consuming industries such as rayon provided the market with a comparatively steady demand. Price schedules were without change.

Battery.—Transactions were of a moderate character for the most part, with consumers disposed to order for current requirements. Prices ruled unchanged.

Chromic.—A steady to firm tone characterized the trading in this direction again last week. The plating trade continued to make an appearance for fair size quantities.

Formic.—The tanning and textile trade were coming in the market for moderate commitments. Pricewise no change was reported in the schedule. During the last six months of 1938, 327,223 pounds of formic acid were imported in the United States from Germany, valued at $20,045. The customs districts through which the imports came were New York, Massachusetts, Philadelphia, Galveston, Virginia and South Carolina.

Muriatic.—Shipments were moving against contracts at a fair level throughout the past week. No change occurred in the price schedule.

Nitric.—While the market experienced no particular broadening in the demand, sellers were able to point to a satisfactory volume of orders for nearby production requirements. Prices continued without change.

Oxalic.—Interest in the market was well diversified, and orders made their appearance with regularity for moderate quantities. A steady to firm price tone predominated.

Sulphuric.—Business failed to expand to any marked degree, but replacement orders were coming in fairly consistently from some consuming industries. Price schedules were maintained at the same levels.

BALTIMORE, Feb. 8.—There was nothing in the developments of the last week to affect the quiet that has prevailed in the market for sulphuric acid. With many of the time contracts concluded last December only such wants as might grow out of later developments could claim attention, and these developments heva not come up. As a consequence, the fertilizer manufacturers have had no occasion to place additional orders, and it has been mainly a case of waiting for the opening of the shipping season for mixtures to determine if the business already placed in acid will cover requirements. So far there has been no evidence that supplementary orders would be called for, and the inactivity in the acid market so far as the fertilizer trade is concerned remains unbroken. The nominal quotations stand at $12 per ton for 60-degree and at $15 per ton for 66-degree acid. It is much the same case with oleum, which product holds at $17 per ton for 20 percent stocks.

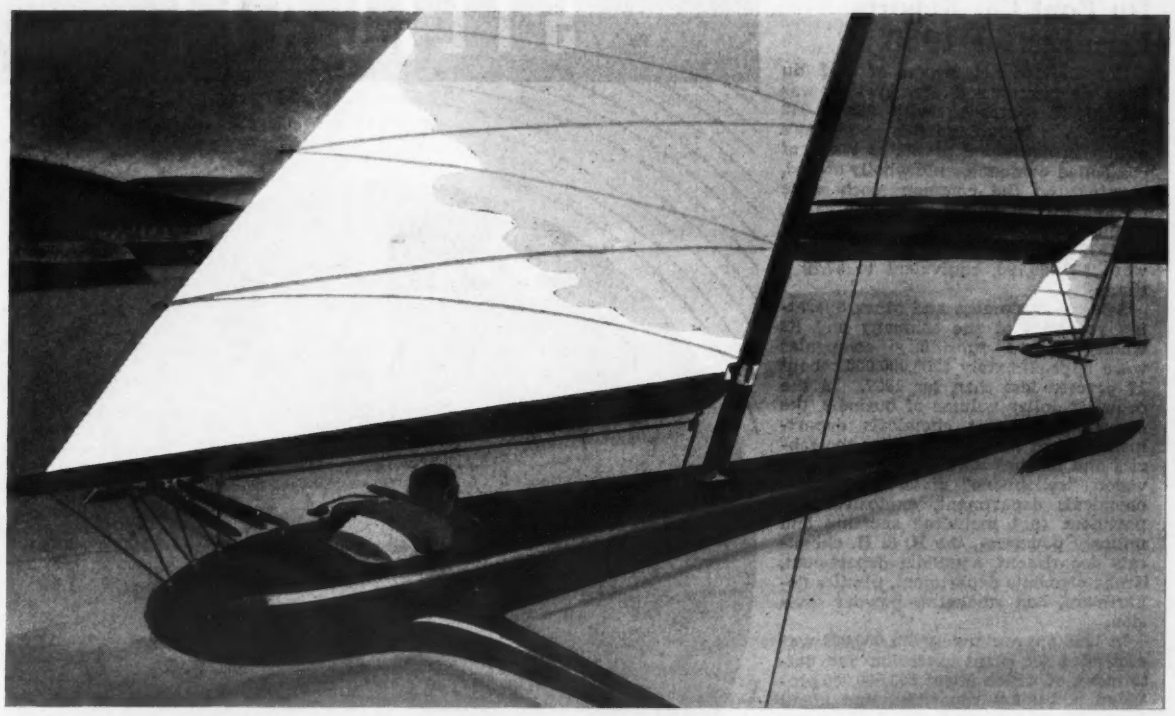
Insecticides

The release of 1939 price schedules for calcium arsenate and nicotine sulphate provided the market with the only feature last week. Quotations were renewed for both materials, and follows the general trend of schedules released to date. While the active selling season is still a matter of weeks, producers were engaged in making final arrangements for the coming consuming period, and shipments were beginning to move to distributing channels. Renewal of current price schedules have been announced previously for lead arsenate, bordeaux mixture, paris green and lime sulphur solution.

Calcium Arsenate.—Current quotations were extended. Schedule follows:—Bags, dealers, east of Rockies, 6¾c. to 7¼c. per pound, according to

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

ACCURACY



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ALKALI

quantity; west of Rockies, 6½c. to 6¾c. per pound. December exports aggregated 722,400 pounds, valued at $28,055, of which 650,000 pounds went to Peru.

Lead Arsenate.—There were no new developments to report in the market at this time. Current business was seasonally dull. December exports amounted to 33,434 pounds, valued at $3,145, of which 11,500 pounds went to Venezuela, 8,022 pounds to the Union of South Africa and 5,424 pounds to Cuba.

Nicotine Sulphate.—Prices were extended for the 1939 season. Quotations remain at 70c. per pound in drums and 86½c. per pound in tin containers. December exports amounted to 12,737 pounds, valued at $8,298, of which 1,174 pounds went to Canada, 2,068 pounds to Mexico, 3,050 pounds to Cuba, 2,000 pounds to Argentina and 3,023 pounds to Australia.

J.T.Baker Chemical Co. Promotes Rasmussen

H. B. Rasmussen has been appointed manager of the Chicago office of the J. T. Baker Chemical Company, Phillipsburg, N. J. Mr. Rasmussen has been associated with the Baker organization for five years as a district representative, traveling in Michigan and Indiana. Although he will make his new headquarters in Chicago, Mr. Rasmussen will continue to serve his customers in the Michigan-Indiana territory personally. The Baker company, manufacturer of a wide line of C. P. chemicals, acids, and pharmaceuticals, also maintains branch offices in New York and Philadelphia.

H. B. Rasmussen

Du Pont Co. Reports Earnings for 1938

Consolidated net income of E. I. du Pont de Nemours & Co. in 1938 was $50,190,827 compared with $88,031,943 in 1937. Including the company's equity in undivided profits or losses of controlled companies not wholly owned, earnings on the common stock were $41,847,363, equivalent to $3.79 a share, exclusive of shares held in treasury. In 1937 earnings on the common stock were $80,420,790, equivalent to $7.29 a share.

Sales to customers and other operating revenues of the company and its wholly owned subsidiary companies were approximately $235,000,000, about 17 percent less than for 1937. In the order of dollar volume of business, the company's organic chemicals department ranked first, followed by the fabrics and finishes department, rayon division, "cellophane" division, Grasselli chemicals department, explosives department (not including sporting and military powders), the R. & H. chemicals department, ammonia department, Krebs pigments department, plastics department, and smokeless powder division.

In 1938 approximately $21,000,000 was expended for plant extension and betterment, of which about $13,000,000 provided additional capacities, and about $8,000,000 was for renewal and betterment of equipment and facilities. Proportionate expenditures for construction are contemplated for 1939, including a plant at Seaford, Delaware, to produce nylon yarn and facilities at Belle, W. Va., to produce intermediate materials for nylon.

'Priorities' Discusses Edison

The achievements of Thomas A. Edison are discussed in the February issue of *Priorities*, house organ of Prior Chemical Corporation, this city. The article points out that while he conceived many hundreds of ideas and carried them to patent, a number of inventions identified in the public mind as Edison's were, in fact, originally the concepts of others; hence a considerable part of his fame is due to the fact that he took up and solved problems which others had given up in despair. It is stated that, except for beginning as a poor boy and working hard, he violated every canon in the traditional American formula for success, yet he won wealth and undying fame.

Bauxite Sales Showed Decline in 1938

The recession in industrial activity during 1938 was reflected in the domestic bauxite industry by declining shipments of domestic and foreign bauxite to consuming industries, according to the Bureau of Mines, United States Department of the Interior. Shipments from mines in the United States in 1938 totaled only 319,000 long tons valued at $1,838,000, a decrease of 24 percent in quantity and 25 percent in value compared with 1937. All of the decrease was accounted for by mines in Arkansas and Georgia, shipments from Alabama having increased. The average value per ton of all domestic shipments declined from $5.82 per ton in 1937 to $5.76 in 1938.

Morse Joins Bennett Inc.

Herbert B. Morse, one of the founders and until recently treasurer of the Knox & Morse Company, Boston, has become associated with Bennett Incorporated, Cambridge, Mass., for whom he will organize a new department to be known as Herbert B. Morse & Co. Mr. Morse, who has been in the wax industry for thirty-five years, will give particular attention to the refining and blending of waxes and the manufacturing of wax compounds for insulated wire and other industries in connection with polishes and finishes now manufactured by the Bennett company.

Industrial Chemical Co. Formed in India

Chemdyes, Ltd., is the name of a firm recently registered under the Indian companies act, with an authorized capital of 20,000,000 rupees. It has a subscribed and paid-up capital of 8,000,000 rupees. No shares have been offered to the public. The firm will handle all the chemicals and dyes business which in the past has been carried on by Havero Trading Company, Ltd., representatives of the German I. G. Farbenindustrie A. G. The services of most of Havero's staff have been secured by Chemdyes, Ltd., according to the office of the American trade commissioner in Calcutta.

Procter & Gamble Wins 'Oxydol' Patent Suit

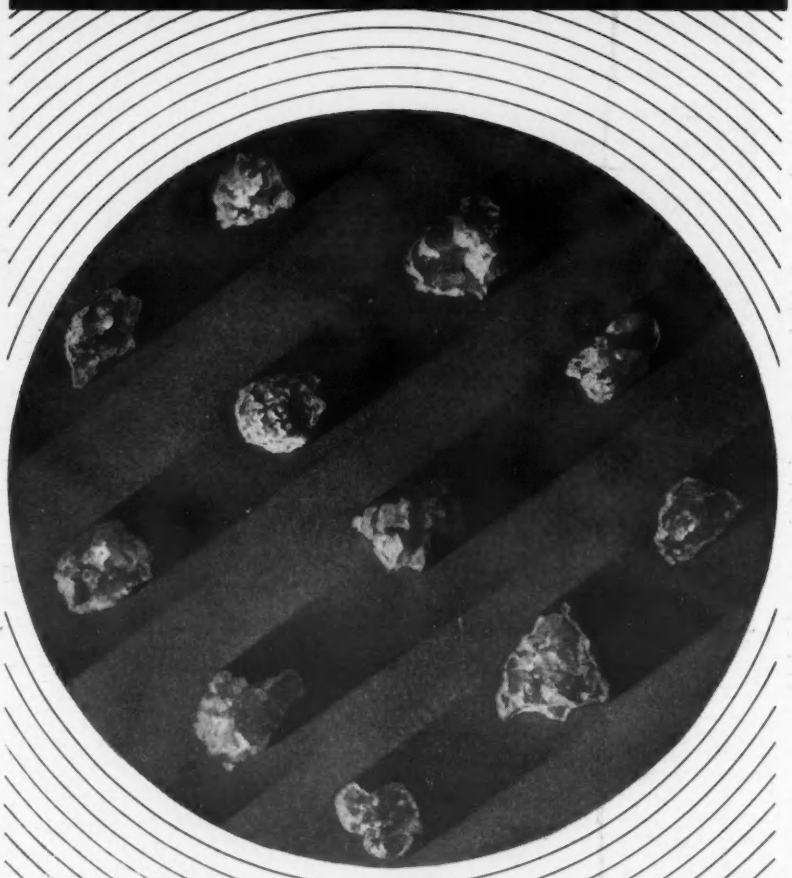
The Procter & Gamble Company, Cincinnati, has been granted an injunction in the United States Circuit Court of Appeals, Philadelphia, restraining the J. L. Prescott Company, Passaic, N. J., from infringing on 'Oxydol' powdered soap, a product of the Procter & Gamble Company. This decision reversed the Federal district court of New Jersey, which dismissed the suit some months ago.

MacAndrews & Forbes Makes Bergmann Vice-President

Joseph A. Bergmann has been elected vice-president and general sales manager of the MacAndrews & Forbes Company, manufacturer of licorice products, this city. He fills the vacancy created by the recent death of W. J. Welsh, jr. Mr. Bergmann, previously secretary and treasurer, has been with the company for many years, serving in various capacities, including selling, purchasing and accounting.

Investigate

DU PONT POTASSIUM SILICATE



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A chemical with several interesting characteristics which may suggest applications in your products.

Weight ratio SiO_2:K_2O = 2.5; molar ratio SiO_2:K_2O approx. 3.9; colorless. Available in both glass and solution form.

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We invite your inquiry on DU PONT Potassium Silicate.

E. I. DU PONT DE NEMOURS & COMPANY, INC.
GRASSELLI CHEMICALS DEPARTMENT
Wilmington, Delaware
DU PONT

Import Duty Changes Listed by Tariff Board

The United States Tariff Commission has issued a new edition of the official pamphlet entitled "Changes in Import Duties Since the Passage of the Tariff Act of 1930." This edition lists all changes in import duties that have been brought about by concessions granted in the trade agreements thus far concluded under the trade agreements act and also other tariff changes brought about by executive or legislative action.

The pamphlet also includes import taxes and certain processing taxes which apply principally to imported merchandise or products derived therefrom. The commission has a limited number of copies for distribution at its Washington and New York offices. It is also on sale by the Superintendent of Documents, Government Printing Office, Washington, D. C., at 45 cents.

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VICTOR CHEMICAL WORKS
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R.E.Anderson Added To Philipp Brothers' Staff

R. E. Anderson has joined the sales staff of Philipp Brothers, manufacturers' agent and distributor of heavy chemicals, this city, Mr. Anderson was for four years identified with the sales staff of Jungmann & Co., this city, and for three years was affiliated as salesman with Givaudan - Delawanna, Inc. Born in Montreal, Mr. Anderson started his sales career with E. Milton Berg, Inc., spices, oils, this city, and with whom he remained seven years, covering thirteen States. Philipp Brothers, Inc., handles a wide line of industrial chemicals, maintaining branch offices in Boston and Providence, as well as carrying warehouse stocks at important industrial centers throughout the country. George Smith is vice-president in charge of sales, being assisted by Frank J. Edwards.

R. E. Anderson

N.A.I.D.M. Official Test Insecticide Available

The National Association of Insecticide and Disinfectant Manufacturers, this city, is distributing the 1939 Official Test Insecticide. The 1939 test insecticide will be good for use to February 1, 1940. The 1939 test insecticide is packed six six-ounce bottles to a case and single six-ounce bottles in individual mailing containers. The test shall be conducted in accordance with the current Peet-Grady test procedure, and must show an average skill for the official insecticide to lie within the range between 30 and 70 percent kill.

Dr. Francis C. Frary, director of research of the Aluminum Company of America, Pittsburgh, recently addressed the Maryland section of the Americn Chemical Society on "Research in the Aluminum Industry."

Let us quote on your requirements — any quantity from 1,000 to carload lots.

Chemicals, pigments or any product that requires sift-proof and moisture-proof containers should be packed in Fulton water-proof, paper-lined bags.

The special processing of burlap and cotton goods with paper, cementing the two with various waterproof adhesives such as asphalt, glue and latex, provides a bag that is strong, sift-proof and moisture-proof.

These bags are *much cheaper* than metal drums or barrels—they are easier to handle and to store.

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Dallas New York New Orleans

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Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Minerals

Reagents Used in Separation of Minerals

(Continued from February 6 issue)

Ammonium dicresyldithiophosphate
Ammonium hydroxide
Ammonium persulphate
Ammonium phosphate
Ammonium resinate
Ammonium sulphate
Ammonium salt of dithiophosphoric acid with thiocarbanilide
Ammoniumnitrosophenylhydroxyaminephenylglyoxime
Amyl alcohol
Amyl xanthates
Amylamine
Anatine
Anilin
Antimony xanthates
Argols
Arsenic xanthates
Aryl dithiocarbamates
Aryl-dithiophosphoric acid
Asphalt
Azines
Azo compounds
Azobenzene
Azobenzene hydrochloride
Azobenzene sulphate
Azonaphthalene
Azonaphthalene hydrochloride
Azonaphthalene sulphate
Azophenols
Barium chloride
Barnac
Barrett 4
Barrico
Basswood
Benzeneazoalphanaphthol hydrochloride
Benzeneazoalphanaphthol sulphate
Benzeneazobenzeneazoalphanaphthol
Benzeneazobenzeneazo-2-naphthol
Benzeneazobetanaphthol
Benzeneazophenol
Benzeneazophenol hydrochloride
Benzeneazophenol sulphate
Benzenediazoaminoparatoluene
Benzenediazoaminoparatoluene hydrochloride
Benzenediazoaminoparatoluene sulphate
Bismuth xanthates
Bitumen
Bitumen distillation products
Bituminol
Bituminous materials
Black liquor
Black sage
Blubber oil
Borax
Boric acid
Bornite
Bromophenylhydrazin
Bromophenylhydrazin hydrochloride
Bromophenylhydrazin sulphate
Butyl xanthates
Calcium chloride
Calcium hydrosulphide
Calcium hydroxide
Calcium laurylsulphate
Calcium nitrate
Calcium oxide
Calcium oxychloride
Calcium polysulphide
Calcium resinate
Calcium sulphate
Calcium sulphydrate
Calcium sulphide
Calcium sulphite
Cannos
Caoutchouc
Carbon bisulphide
Carbon dioxide
Carbon monoxide
Carbothialdin
Carboxylic acids
Castor oil
Cellulose distillation products
Cetyl ester of betaine chloride
Cetyl-potassium sulphate
Cetyl-sodium sulphate
Charcoal
Chestnut wood
Chlorides
Chromium nitrate
Chromium xanthates
Chrysoidin
Chrysoidin dyestuffs
Chrysoidin hydrochloride
Chrysoidin sulphate
Citrates
Citric acid
Coal
Coal distillation products
Coal dust
Coalgas
Coaltar
Coaltar creosote
Coaltar distillates
Coaltar chemicals
Coaltar containing tar acid used with admixture of sulphur dichloride
Coaltar oils
Coaltar products
Coco matting
Coconut oil
Cod oil
Coke
Colloids
Colophony
Compounds of fats or oils with appropriate acids
Copal
Copper carbonates
Copper hydrogel
Copper hydroxides
Copper nitrate
Copper oleate
Copper ore
Copper pyrites
Copper silicate ores
Copper sulphate
Copper sulphate with fats or oils
Copper xanthates
Copper-ammonium salts
Corn oil
Corn oil with pine or pinetar oil
Cottonseed distillation products
Cottonseed oil
Cottonseed oil with pine or pinetar oil
Creosote
Creosote oil
Cresol
Cresylic acid
Crude petroleum
Cyanides
Cylinder oil
Dehydrothio-ortho-toluidin
Dehydrothioparatoluidin
Dextrin
Diaminoazobenzene
Diaminoazobenzene hydrochloride
Diaminoazobenzene disulphide
Diaminophenyl disulphide
Diamylamine
Diazins
Diazo compounds
Diazoamino compounds
Diazoaminobenzene
Diazoaminobenzene hydrochloride
Diazoaminobenzene sulphate
Diazoaminoparatoluene
Diazoaminoparatoluene hydrochloride
Diazoaminoparatoluene sulphate
Dicresoldithiophosphoric acid
Dicresyldithiophosphoric acid
Diethyl dithiocarbamate
Diethyl-ammonium
Diethylanilin
Di-iodomethane
N:N-Dimethylanilin
3:3-Dimethyl-1-phenyl-hydrazimethylene
2:2-Dimethylthiocarbanilide
4:4-Dimethylthiocarbanilide
Dinitrosoresorcinol
Diorthotolylthiourea
Diparatolylthiourea
Diphenylhydrazin
Diphenylhydrazin hydrochloride
Diphenylhydrazin sulphate
Diphenylthiocarbazide
Diphenylthiourea
Dithiocarbamic acid
Dithiocarbamic acid compounds
Dithiodiphenylamine
Dixylylthiourea
Dyestuffs, various
Emulsol X1
Emulsopin
Essential oils
Ethers
Ethyl acetate
Ethyl alcohol
Ethyl xanthates
Ethylmethyl ketone
Eucalyptus oil
Fats
Fats, sulphonated
Fats, sulphuric acid derivatives of
Fatty acids
Fatty acids salts
Ferric chloride
Ferrous sulphate
Fish oil
Foamopin
Formylazobenzene
Formylazobenzene hydrochloride
Formylabozene sulphate
Fuel gas
Fuel oil
Fumol
Furfural
Gall extract
Gallic acid with fats or oils
Gas
Gas oil
Gasoline
Gastar creosote
Gelatin
Gilsonite
Gilsonite distillate
Glue
Glycyrrhizin, ammoniated
Grease
Grease tar
Heptylic acid
Hydrazin
Hydrazin hydrochloride
Hydrazin sulphate
Hydroazobenzenehydrazin
Hydroazobenzenehydrazin hydrochloride
Hydroazobenzenehydrazin sulphate
Hydrobenzene
Hydrocarbons
Hydrocarbons with pine oil or pinetar oil
Hydrocarbon gases
Hydrochloric acid
Hydrochloric acid with fats or oils
Hydrochloric acid gas
Hydrogen sulphide
Hydroxyl compounds
Illuminating gas
Irish moss
Iron dithiocarbamates
Iron orthotolyldithiocarbamate
Iron pyrites
Iron sulphates
Iron xanthates
Iron-ammonium alum
Isobutyl xanthates
Isonitroso bodies
Isophorone
Isovaleric acid
Kerosene
Kerosene distillates
Ketone condensation products
Lac
Lard
Lard with pine oil or pinetar oil
Lard oil
Lead acetate
Lead dithiocarbamate

(To be continued)

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Coaltar Chemicals

General Demand Spotty with Outlook Remaining Favorable—Stocks Of Benzol, Toluol and Xylol Slightly Higher—Phenol Business Satisfactory—Pyridin Short

Demand for coaltar chemicals was spotty throughout the past week. Some chemicals moved in relatively steady volume, while others continued to lag. Replacement business principally made up the bulk of the call, and most consumers were content to follow a conservative purchasing policy. The position of the market continued highly favorable. Inventories in practically all basic consuming industries were well below a year ago; production was expanding moderately with higher coking operations, placing the market in a better position to take care of increased demand. Pricewise no developments of importance took place, and a steady tone prevailed in practically all directions.

Steel operations continued to run well ahead of the same period a year ago. During January this year the steel industry operated an average of 52.69 percent of capacity, against 29.15 percent in January, 1937. Last week steel operations reached the highest level so far this year at 53.4 percent of capacity. Benzol, toluol and xylol stocks showed moderate improvement. The increased production provided the market with adequate supplies to assure more prompt delivery. The market for pyridin remained short, and sellers were well sold up on current production. A good inquiry existed in some quarters for phenol, and shipments were moving at a comparatively good pace. Refined naphthalene moved moderately to some jobbing channels. Current dealings in creosote oil were only fair, while the outlook continued favorable. Some grades of cresol demanded more attention. Cresylic acid was spotty. Coaltar, tar acid oils and coaltar pitch were routine. A steady to firm tone prevailed in the market for coaltar acids. Most intermediates moved steadily, while business was generally held to moderate levels. A sustained interest was manifest in coaltar colors for modest quantities.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.6	125.6	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Transactions in the market for industrial grade were of a routine character, and consumers were not inclined to extend commitments beyond nearby requirements. The increased production provided the market with some stocks, and assured more prompt delivery. However, any expansion in the demand would soon deplete the comparatively small surplus. Inquiry from abroad was note quite as active as heretofore, although a satisfactory amount of business was consummated in this direction. Pricewise the market retained a firm tone. Steel operations last week increased slightly to 53.4 percent of capacity, compared with 52.4 percent a week ago and 30.7 percent in the corresponding week a year ago. During January this year the steel industry operated at an average of 52.69 percent of capacity, against 53 percent in December and 29.15 percent in January, 1938, according to the American Iron and Steel Institute.

Carbazole.—A firm price tone prevailed in the market throughout the past week. Withdrawals for the account of the dyestuff trade were maintained at steady levels in the majority of instances.

Coaltar.—Withdrawals against contracts proceeded at a moderate pace. Quotations for various grades were without change, and a steady to firm tone prevailed.

Creosote Oil.—Current dealings were only fair in this direction. Sellers were anticipating a broader interest by leading factors a little later in the year. Quotations previously established were without alteration.

Cresol.—Prices were fully maintained in the market, and withdrawals were making favorable comparisons in some grades, particularly the synthetic resin material.

Cresylic Acid.—Dealings in this direction were spotty, with some interest displayed for certain types of acid, but the majority of consumers were content to make only necessary commitments at this time. Domestic prices were without change. Little activity developed in the imported material, and quotations ranged around the levels prevailing during the preceding period.

Naphthalene.—Movement of refined material provided the chief activity in the market, with the usual seasonal call coming from jobbing channels in anticipation of Spring requirements. Little of importance developed in the crude product. An easy price tone remained in evidence for the imported crude material.

Phenol.—A good inquiry existed in some quarters and shipments were moving to some major consuming channels at a comparatively good pace. Little of importance transpired in the export market last week. Pricewise a steady to firm tone prevailed.

Pitch Coaltar.—Nothing of importance developed in the market, and dealings were confined to necessary withdrawals. Prices remained unchanged.

Pyridin.—The market continued short and sellers were well sold up on current production. A firm tone governed the dealings.

Tar Acid Oils.—Dealings in the market were principally of a routine character. Prices ruled unchanged, and a steady to firm tone remained in evidence.

Toluol.—Withdrawals against contracts and spot business were moderate throughout the past week. Stocks of material were adequate to supply current requirements. Price tone was steady to firm.

Xylol.—Interest in the market was maintained at steady levels, although the majority of consumers were content to place commitments for nearby production requirements. No change occurred in the quotations.

Chicago Coaltar Bases

A quietly steady market condition is reported in various grades of coaltar bases. A gradually increased rate of output is reported as a result of slow stepping up steel industry operations, but market values are fairly steady, it appears, in benzol and related items. Inquiry is reported good. Ruling prices are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic.—The market moved through a routine week. Quotations were without change.

Benzoic.—A steady to firm price tone continued to characterize the dealings. Business was generally confined to moderate proportions.

Broenner's.—Usual consumers provided the call for nearby requirements. Prices ruled unchanged.

Cleve's.—Nothing of importance transpired in the market last week, and business was moderate, and quotations remained the same.

Fumaric.—Prices underwent no change in the market, while trading was confined to modest quantities in the majority of instances.

Gamma.—Business was steady, although commitments were somewhat limited. Prices were in conformity with the preceding period.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Maleic.—The powdered and anhydride grades were receiving good buying support from some important consumers throughout the past week. No change was disclosed in the quotations.

Salicylic.—A fair buying interest was uncovered at times in this direction. A steady to firm price tone predominated.

Other Intermediates

Alphanaphthylamine. — A firm tone remained in evidence, while business was maintained at steady levels in most directions.

Anilin Oil.—Volume of business was held to moderate levels, but sellers reported a sustained interest throughout the week. Quotations ruled unchanged.

Benzidin Base.—Demand was of a routine character. Price was held at level prevailing previously.

Betanaphthylamine.—The market experienced little change, and trading was confined to nearby requirements. Prices ruled unchanged.

Diethylaniline.—Business was spotty and trasactions lacked any particular feature. No change was reported in the price.

Dimethylaniline. — A good inquiry was manifest in the market, while withdrawals against contracts and spot business was moving in satisfactory fashion. Prices were unaltered.

Dinitrobenzene. — Usual consumers made their appearance quite consistently for small quantities. A steady to firm tone prevailed.

Dinitrotoluene. — Transactions were steady, although consumers were following a conservative purchasing policy. Quotations were without change.

G. Salt.—The market was strictly a routine affair. A firm tone governed the dealings.

Nitrobenzene.—Shipments were moving to major consuming channels in satisfactory volume. Quotations were

—Continued on page 30

Research Support Asked from Congress

—Continued from page 3

whole program would be coordinated by the Bureau of Standards.

The bill mentions specifically research in physics, chemistry, metallurgy and engineering, not authorized to be performed by other agencies of the government. The United States government would have an interest in inventions or discoveries made under the program.

Representative J. Will Taylor of Tennessee has introduced in the house a bill (H.R. 3034) to establish in the Patent Office a bureau of research "for the purpose of aiding persons who are not financially able to develop ideas or devices for the improvement of production in industry or otherwise."

The proposed research section would be authorized to perfect such patents as might be found practicable in the name of the United States, and proceeds from royalty would be apportioned equitably between the originator of the patent idea and the United States.

United States Gypsum Company, Chicago, has completed construction of its new plant in Jacksonville, Fla.

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Commercially Pure Benzol
90% Benzol • CXP Benzol
XYLOLS (Solvent Naphtha)
Reagent Benzol • Pure Toluol
Sulphate of Ammonia

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PITTSBURGH PENNSYLVANIA

Reilly
COAL TAR PRODUCTS

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Phenol . Ortho Cresol . Cresol U.S.P. . Cresylic Acid . Meta Para Cresol . Xylenol . High Boiling Tar Acids.

CHEMICALS
Acenaphthene . Anthracene . Carbazole . Fluorene . Methyl Naphthalene . Phenanthrene . Naphthalene.

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PHENOL · CRESOL
CRESYLIC ACID
TAR ACID OILS
OF EXCEPTIONAL UNIFORMITY
BECAUSE KOPPERS

1. Controls coal mines . . .
2. Operates coke ovens with coal from these mines . . .
3. Produces tar from these coke ovens . . .
4. Separates acids from this tar . . .
5. Refines these acids in large volumes in a thoroughly modern plant put into operation late in 1937.

PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.

CRESYLIC ACID Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one percent.

TAR ACID OILS Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.

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Koppers position, due to raw materials and modern plant equipment, is exceptional for special cuts or fractions. Inquiries solicited and welcomed.

KOPPERS CHEMICALS AND SOLVENTS

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling. Insecticide Grades—93%, pale, high-boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote.

OTHER KOPPERS PRODUCTS

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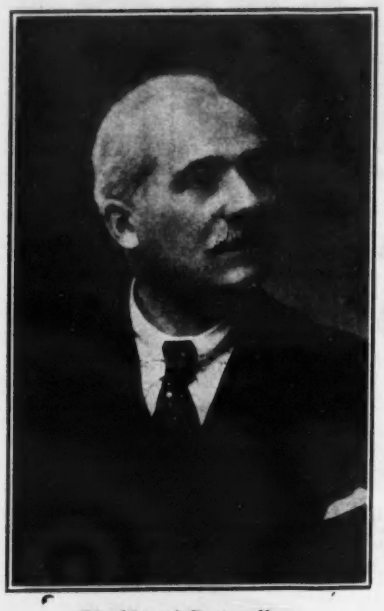
KOPPERS COMPANY · PITTSBURGH, PA.

Obituaries

Sir Henri Deterding

Sir Henri Deterding, who retired as director-general of the Royal Dutch Shell Petroleum Company in 1937, died unexpectedly of a heart attack in his villa in St. Moritz, Switzerland, February 4. He was seventy-two years of age.

Amassing in the petroleum industry a personal fortune estimated as high as



Sir Henri Deterding

$200,000,000, Sir Henri was born in humble circumstances in Amsterdam, The Netherlands, a son of a master mariner. At sixteen years of age he became a clerk for the Twentsche bank, after having completed a five-year high-school course in three and showing a remarkable proficiency for mathematics. Finding his progress in the bank too slow, Sir Henri entered the employ of The Netherlands Trading Society in 1888 and was assigned to the East Indies. On his arrival at Medan he was given the task of untangling the snarled accounts of the manager of a trading station in Deli, and so well had he succeeded that he received a 75 percent increase in salary. He was later a representative for the company at Pensang, Straits Settlement, but remained there only a year, when he resigned in 1896 to join up as a salesman with a company known as the Royal Dutch Shell for the Working of Petroleum Wells in the Netherlands East Indies, which company, headed by a pioneer Dutch oil man, J. B. A. Kessler, had been formed in 1890 with a capital of about $500,000.

In order to obtain first-hand knowledge of the distribution end of the business, Sir Henri proceeded to Pankelan Brandon, in Northern Sumatra, the only oil field of consequence owned by the Royal Dutch. At that time the oil produced contained 48 to 50 percent kerosene. This alone was salable. The residue, which would today produce gasoline, benzine, fuel oil, lubricating oil, etc., was treated as waste. His first step in reorganizing the sales end of the company was to cut the commission of dealers from five to one percent, and to facilitate distribution of the product by the installation of huge storage tanks in Shanghai, Hongkong, Calcutta, Madras, Bombay and Bangkok. This move in particular enabled his company to subsequently stave off the Standard Oil Company's drive for the Chinese market.

Following the death of Mr. Kessler, in 1900, Sir Henri was elected head of the Royal Dutch company, and he subsequently moved from the Orient to two homes in London and The Hague, which became the headquarters of his enterprises. In 1903 he effected a merger with the Shell Transport & Trading Company and the Rothschild bank in Paris, representing holders of petroleum lands in Russia. The merger called for the pooling of their sales in one agency, the Asiatic Petroleum Company. In 1907 the Shell Transport and the Royal Dutch companies formed the Batavian Petroleum Company, with headquarters at The Hague, to take over production of both companies, and the Anglo-Saxon Petroleum Company was formed to handle transportation, storage and distribution for both companies.

The ramifications of the Royal Dutch spread eventually through Rumania, Russia, Egypt, Mexico, Venezuela and the United States. In 1908 his company made a survey of the Oklahoma oil fields, and in 1912 the s'Gravenhage Association, Ltd., was formed, later becoming the Roxana Company. This subsequently developed into the Shell Union Oil Company, which comprised all the interests in the United States. The California Oilfields, Ltd., was purchased in 1913, and five years later the company had a footing in Mexico. Communism in Russia destroyed all the efforts that had been put into the oil industry there by Sir Henri. In 1937 he retired from the director-generalship of a group of 200 companies with 40,000 employees.

Sir Henri, created an honorary Knight of the British Empire in 1920, though remaining a subject of the Netherlands, devised a scheme during the World War of ballasting ships with oil instead of water to bring adequate supply to the British Navy when the German submarine campaign was destroying many tankers.

Surviving are his third wife, to whom he was married in 1936; two sons and a daughter by his first wife, who died in 1920; and two daughters by his second wife, who received a divorce in 1936. Burial was at his estate in Dobbin, Mecklenburg, Germany.

Frank H. Hoyt

Frank H. Hoyt, former purchasing agent for the Standard Oil Company of New York, died February 8 in Fort Lauderdale, Fla. He was seventy years of age.

Born in Tarrytown, N. Y., Mr. Hoyt entered the employ of the original Standard Oil Company Company at the age of sixteen. He subsequently was transferred to the Boston office of the company, returning in 1915 to this city as purchasing agent for the Standard Oil Company of New York. He retired in 1927.

Playing as a member of the Engineers Country Club, Mr. Hoyt won the national senior golf championship at the Apawamis Country Club in Rye, in

—Continued on page 56

Coaltar Chemicals

Other Intermediates

—Continued from page 29

in conformity with those prevailing for some time past.

Orthonitrotoluene.—Developments of importance were lacking in the market last week. Demand was held to nearby needs, and quotations remained unchanged.

Paranitrotoluene.—Dealings in the market were steady, but shipments were usually for modest quantities. No change developed in the prices.

Phthalic Anhydride.—The call from some large consumers was well maintained, and volume of business continued at comparatively good levels. Quotations were steady to firm.

Thiocarbanilide.—Withdrawals against contracts provided the bulk of the business, while occasional spot transactions made their appearance.

Xylidin, Mixed.—There was little feature to the market last week, and orders were for small quantities. No change was reported in the prices.

Coaltar Colors

Demand for coaltar colors remained steady throughout the past week. Consumers displayed a sustained interest in the market, and the number of orders was satisfactory. However, the tendency to limit commitments to nearby requirements remained in evidence. The outlook remained promising, with operations in woolen mills picking up; cotton mills were making good progress in Spring preparations and rayon operations were maintained at a steady pace. Quotations were well sustained, and a steady to firm tone prevailed in virtually all divisions of the market. Imports of coaltar colors, dyes and stains during December aggregated 331,967 pounds, valued at $487,193, of which 206,720 pounds came from Germany and 109,213 pounds from Switzerland.

Geigy Colour Company, Ltd., has acquired a 10-acre site in Trafford Park, Manchester, for a new plant.

A DEPENDABLE SOURCE OF SUPPLY

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BENZOLS 1°—2°—90%—Motor

TOLUOLS Nitration-Commercial

XYLOLS 3°—5°—10°—Commercial

SOLVENT NAPHTHA **AMMONIUM SULPHATE** **CRUDE NAPHTHALENE**

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Dyestuffs, Textile and Leather Chemicals

Corn Sugar, Dextrin and Starch Prices Revised Downward—Egg Yolk and Albumen Continue Easy—Bichromates Firm —Valonia Beards and Cups Advanced

Transactions in the market for most dyestuffs, textile and leather chemicals remained dull. There was little incentive on the part of manufacturing consumers to anticipate forward requirements, and a generally conservative purchasing policy remained in evidence. Activity in some textile consuming lines were making a favorable comparison with the same period a year ago, but the improvement was not reflected in many sections of the market. In the chemical division, a moderately active demand prevailed, but other sections such as natural dyestuffs, sizing materials and tanning materials were not very active.

Weakness developed in sizing materials because of lower commodity prices and lack of interest. Tanners' corn sugar, dextrin and corn starch were revised downward because of the lower corn market. Sellers were hopeful that the lower prices would stimulate some interest, since buying dried up recently at the higher levels. Egg products, including albumen and egg yolk, were easier. Quiet conditions were still prevalent in the market for dried egg products, and the recession in the shell egg market brought about the lower quotations.

In the chemical section, bichromates moved in comparatively good volume, reflecting better operations in textile and leather consuming lines. A fair interest was manifest in alumina acetate and chloride. Quotations for potash prussiate were maintained. Zinc dust was firm. Natural dyestuffs moved in routine fashion, and lacked any particular feature. Tanning materials were not very active. Tanners expressed dissatisfaction in volume of business, despite the sharp increase in shoe production. The only price change occurred in valonia beards and cups, which recorded a modest advance.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Valonia beards, $2 per ton.
cups, $1 per ton.

Reduced

Corn sugar, tanners, 10c. per 100 lbs.
Dextrin, 10c. per 100 lbs.
Egg albumen, dom., 2c. per lb.
imported, 2c. per lb.
Egg yolk, 3c. per lb.
Starch, corn, 10c. per 100 lbs.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
145.3	147.0	147.3	154.5

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—A moderate interest was uncovered for most grades of material for the account of dyestuff and color trade. Quotations were without change.

Alumina Chloride.—A steady to firm price tone prevailed in the market last week. Shipments of the crystal and solution were taken by the textile trade in fair volume. Prices ruled unchanged.

Ammonia Acetate.—There was little feature to the dealings in this direction, and consumers were making only necessary commitments. No change was reported in the prices.

Potash Prussiate.—Quotations were without change last week. Business was only fair. December imports totaled 27,669 pounds, valued at $6,537, of which 10,032 pounds come from France, 15,432 pounds from Germany, and 2,205 pounds from the Netherlands.

Soda Bichromate.—Demand from some important consuming channels continued to hold up comparatively well last week. A steady to firm price tone prevailed.

Zinc Dust.—Prices remained firm in the market again last week, reflecting the steady tone in the metal. Business was moderately active in most directions.

Dyestuffs

Annatto.—Transactions were on a hand-to-mouth basis throughout the past week. Pricewise no new developments occurred, and a steady tone prevailed.

Archil.—Various grades of extract were receiving moderate attention from the textile trade. Quotations were in conformity with those prevailing previously.

Cochineal.—No new developments took place in the market and business was steady for modest quantities last week. Prices ruled unchanged.

Hypernic.—A steady to firm price tone predominated, although business was only fair on most quarters.

Logwood.—The tanning and textile trade made necessary withdrawals throughout the past week. Pricewise no changes transpired.

Turmeric.—Quiet conditions continued to prevail in the market. Quotations were fully maintained at former levels.

Sizing Materials

Albumen, Egg.—Domestic and imported quotations were revised downward 2c. per pound, making the crystal 71c. to 73c. per pound, according to quantity. Quiet conditions remained in evidence, and, together with the lower prices in the shell egg market, attributed to the easier price tone.

Corn Sugar.—Tanners grade of corn sugar was reduced 10c. per 100 pounds, reflecting the lower corn market. Sellers were disappointed in the volume of business recently, but looked forward to renewed interest at the lower levels.

Dextrin.—Various grades of corn dextrin were lowered 10c. per 100 pounds. The reduction was chiefly brought about by lower commodity prices. There was not a great deal of activity in the market last week.

Egg Yolk.—Further easiness developed in the market, and quotations were again revised downward at 60c. to 63c. per pound, according to quantity. Quiet demand and easier tone in the shell egg market attributed to the concessions.

Starch.—Quotations were reduced 10c. per 100 pounds for various grade of corn starch. The easiness in the basic commodity market, and the lack of interest at the higher levels were directly responsible for the easiness.

Tanning Materals

Chestnut Bark.—Demand was spotty, and most consumers adhered to a conservative purchasing policy. Prices ruled firm.

Gambier.—Quotations for the common material were still nominal, while prices for the plantation and Singapore cubes were firm. A little more activity was reported in some quarters last week.

Mangrove Bark.—A steady to firm price tone characterized the dealings. Business remained moderate.

Myrobalans.—Prices were well maintained in all directions throughout the past week. Demand was of a routine character.

Quebracho.—Tanners were coming in the market for nearby requirements in practically all instances. Pricewise a steady to firm tone governed the dealings.

Sumac.—Business was on a moderate scale throughout the past week. Quotations held at the levels previously in force.

Valonia.—Price for the beards was advanced to $47 per ton, while the cups were $1 per ton higher at $31 per ton. Demand was moderately active.

Wattle Bark.—Market was quiet during past week. Both grades of African material were unaltered.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

FINE HEYDEN CHEMICALS

FORMALDEHYDE
U. S. P. Solution

Years of specialized experience — and knowledge of the needs of the consuming industries — are reflected in its uniformly dependable high purity and strength.

The fine Heyden quality is protected to the point of use by fast delivery in modern containers, including fleets of tank cars and tank trucks.

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PARAFORMALDEHYDE
U. S. P. X.

A white powder of exceptionally good solubility.

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HEXAMETHYLENETETRAMINE
U. S. P. and Technical

Plan Now to Attend the FOURTEENTH ANNUAL BANQUET of the DRUG, CHEMICAL and ALLIED TRADES Waldorf-Astoria Thursday, March Ninth

Available in both powdered and an inclusive range of granulations.

Samples, quotations and other information on request.

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50 UNION SQUARE, NEW YORK, N. Y.
CHICAGO BRANCH: 180 N. WACKER DR.
Factories: Garfield, N. J., Fords, N. J.

Natural Products Refining Co.
910 Garfield Avenue,
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Natural
BICHROMATES

"NIAPROOF"*
ALUMINUM SALTS FOR WATER REPELLENT TREATMENTS

Especially developed for the modern concentrated water repellent preparations, "Niaproof" contains 37 to 39% active Al_2O_3. It is readily soluble in water giving solutions of 5.1 to 5.4 pH depending on concentration; which can be reduced if desired to a pH range of 3 to 4 by the addition of Glacial Acetic Acid.

"Niaproof" B is a more basic type of aluminum acetate salt containing 35% active Al_2O_3. Solutions have a pH range of 4.7 to 4.8; which can also be lowered by the addition of Acetic Acid.

Samples of both grades are available on request. *Trademark

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MUTUAL BICHROMATES

MUTUAL CHEMICAL CO. OF AMERICA — MUTUAL — NEW YORK N.Y.

BICHROMATE OF SODA
BICHROMATE OF POTASH
OXALIC ACID
CHROMIC ACID

MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

Drug Law Colors Hearings Point to Changes

—*Continued from page* 3

the notice of hearing. The consumer witnesses, representing a number of consumer and women's organizations, in general condemned the use of harmful dyes and expressed confidence in the ability of the department to enforce the law. The chief value of their testimony was to build up a record in support of the department's stand against the use of coaltar colors in preparations for use near the eyes.

Representatives of the food and drug industries took no active part in the proceedings; the industrial spokesmen who testified were manufacturers of color or of cosmetics. The chief spokesman was H. Gregory Thomas, of the bureau of standards of the Toilet Goods Association, appearing in the capacity of an attorney. The department's attorney was Daniel P. Willis. The bulk of the testimony was presented by expert witnesses on the staff of the Food and Drug Administration—Herbert O. Calvery, pharmacologist; Roy O. Pruitt and Dan D. Dahle, chemists; George P. Larick, chief inspector, and Adolph Rostenberg, jr., and Theodore G. Klumpp, medical officers. These witnesses explained the tentative regulations and the scientific and administrative bases for them.

Provision for More Colors

Attempts were made by Mr. Thomas and several witnesses to elicit information about the certification of new colors in addition to the 132 listed in the tentative regulations, but all testimony and questions bearing on this matter or the adequacy of the listed colors to meet the needs of the trade were ruled out. Before the conclusion of the hearings, however, department officials tacitly admitted that, prior to the time the final regulations are actually promulgated additional colors may be submitted for possible certification without payment of the substantial fees to be required.

After the first government witness had concluded, a large number of persons present attempted to elicit information as to how the regulations would affect their operations. It was soon ruled that such inquiries did not constitute proper cross-examination, but before this was done statements were made that there is no authority in the law for extending the effective date of the regulations beyond the effective date of the new law, June 25, 1939; that foreign manufacturers of dyes either for direct importation or for use in the production of cosmetics to be imported must have an agent in the United States apply for certification; that there is no authority for exempting small lots of drugs prepared on the order of a physician or hospital; that the color formula must be stated on the label if the color is a component part of a food, drug, or cosmetic; that small packages of food colors for household use must bear the certification label and if diluted must be considered as a mixture.

Points Made for Industries

The more important witnesses for the industries were Albert B. Pacini, of the Oxzyn Company and the Toilet Goods Association; Samuel N. Cummings, of the Pylam Products Company; and S. S. Theil and Paul Thomasset, of the Ansbacher-Siegle Corporation. They contended that the tentative list contains only a portion of the colors used by the cosmetic industry; that many on the list will require much experimentation before they can be considered satisfactory from the standpoint of manufacturing problems and consumer acceptance; and that, while they make every effort to keep down the percentage of impurities in dyes, it may be impossible to meet some of the proposed tolerances, particularly soluble barium in barium lakes.

Mr. Theil proposed a change in the tentative regulations to permit the manufacture of any of the listed lakes by use of any extender or substrata permitted for any other lake in the list. The effect of this, he explained, would be to permit the use of the wet process of mixing, reduce the number of mixtures which will have to be certified, permit the use of many colors not now listed, and enable manufacturers to continue research on new colors suitable for cosmetics. Departmental experts testified they had no objection to this general idea, provided suitable regulations could be drafted to cover the procedure.

Among others who participated were John Glassford, of McCormick & Co.; F. W. Heine, of Compagnie Duval; Walter L. Post, of the National Foreign Trade Council; Mrs. Louise Norris, of the Louise Norris Company; J. W. Orelup, of Lustrom Company and Patent Chemicals, Inc.; and A. T. Frascati, of Firmenich & Co.

Reichhold, Lavanburg Open Buffalo Branch Office

Reichhold Chemicals, Inc., Detroit, and the Fred L. Lavanburg Company, Brooklyn, established a branch office in Buffalo on February 1. The office, under the supervision of Selden G. Hait, Jr., will handle the sales and distribution of "RCI" synthetic resins and the Lavanburg colors for the trade in Western and Central New York. Mr. Hait, formerly the Lavanburg representative in the Cleveland district, maintains offices in Liberty Bank building.

The complete list of the recently reorganized sales staff follows:—

Boston, Mass., N. S. Wilson & Sons, 150 Causeway street; Brooklyn, the Fred L. Lavanburg Company, 105 Bedford avenue; Chicago, G. E. Cortiss, 53 West Jackson boulevard; Cincinnati, Wm. J. Deeks, First National Bank building; Cleveland, R. H. Coerdt, Terminal Tower building; Kansas City, the Abner Hood Chemical Company, 507 North Montgall avenue; Los Angeles, F. E. Dillon, 1855 Industrial street; Louisville, F. H. Topp, Kentucky Terminal Warehouse; Montreal, H. J. McAdie, 1100 East Craig street; New Orleans, E. P. Lastrapes, 206 Tchoupitoulas street; Philadelphia, G. A. Olson, 1700 Walnut street building; Pittsburgh, Homer D. Butts, Grant building; Seattle, the Cunningham Company, 1020 Fourth avenue South; St. Louis; J. E. Niehaus & Company, Mart building; St. Paul, L. A. Moore & Company, 740 Vandalia street; South San Francisco, M. W. Reece, P. O. Box 46; Toronto, H. J. McAdie, 17-37 River street.

Paint Credit Ass'n Names Committees for 1939

Victor Isaacs, president of the Paint and Allied Industries Credit Association, at a meeting, January 4 in the Building Trades Employers Association, this city, appointed committees for 1939, the chairmen of which are as follows:—

Membership, Theodore H. Kleine, of the Hilo Varnish Corporation; board of credit appraisal, Jerome Monasch, of Lehman Bros., Inc.; publicity, William Rohs, of Colonial Works; resolutions and amendments, John C. Ball, of the M. Ewing Fox Company; grievance, Harry F. Forster, of the Keystone Varnish Company; nominating and auditing, Martin B. Weinstock, of M. J. Merkin Paint Co.; entertainment, James A. Kenny, of Baer Brothers; uniform practice and special investigation fund, Paul N. Knappen, of the Eagle Picher Sales Company; realization recovery, Victor Isaacs, of the Central Paint and Varnish, and vigilance, William L. Lang, of Devoe & Raynolds Company.

DeVilbiss Issues Roster For Spray-Painting School

The DeVilbiss Company, Toledo, has issued schedule for its training school for the first half of 1939. This school is open to industrial painters, master painters, automobile refinishers, and all others interested in learning the technique of spray-painting, and the use and care of spray-painting equipment. The training period lasts for one week. Classes will start on the following dates:—March 13, April 17, May 15, and June 5. Special rates in Toledo hotels and boarding houses near the plant have been secured by the company for men attending the school.

M & M Mining Company has been chartered in Delaware, with capital stock of 50,000 no par shares.

ENDLESS STREAMS OF

CARBON BLACK

Deposited on moving channels by the impingement of gas flames and removed by stationary scrapers, Continental Carbon Black is immediately carried to screw conveyors such as are ranged alongside this row of burner houses. These conveyors move it to larger screw conveyors which carry it to the packing house. Both types are weathertight to keep the black from impurities. The operation is automatic, accurate, constant, and the stream of black is endless—for the process goes on day and night under the watchful eye of inspectors at all times. The man here is checking the machinery to see that it is in peak condition. By such precision methods and careful control does Continental assure you a pure, uniform supply of carbon black of the highest quality.

CONTINENTAL CARBON COMPANY · 295 MADISON AVE., NEW YORK, N.Y.

Activated Earth Duty Set by Appeals Court

OPD Washington Bureau
February 6, 1939

Fuller's earth or clay purified by an acid treatment is dutiable as an artificially activated earth, the United States Court of Customs and Patent Appeals decided today in upholding the customs court in an appeal brought by L. A. Salomon & Bro.

The material in question was imported from Germany under the tradename, "Tonsil." Evidence showed that before shipment it was cleaned with water and hydrochloric acid to remove oxides and impurities in order to increase its ability to absorb coloring matter from oils. The contention of the collector of customs, which was upheld by the court, was that this product was dutiable at ¼ cent per pound and 30 percent ad valorem as "clays or earths artificially activated with acid or other material," under paragraph 207 of the tariff act of 1930. The importer claimed the product dutiable at $3.25 per ton as fuller's earth, wrought or manufactured.

The government contended that the product was not properly fuller's earth but rather a bentonitic clay, but the court did not decide this point. The importer claimed that the acid treatment did not increase the natural absorbent qualities of the earth but simply removed the impurities, and that the tariff provision for activated earths was intended to cover only those earths that have no natural absorbent qualities unless treated with acid. The court held that since the activity of the earth was actually increased by the acid treatment the product should be classified as artificially activated with acid.

McMurty Co. Observing Fiftieth Anniversary

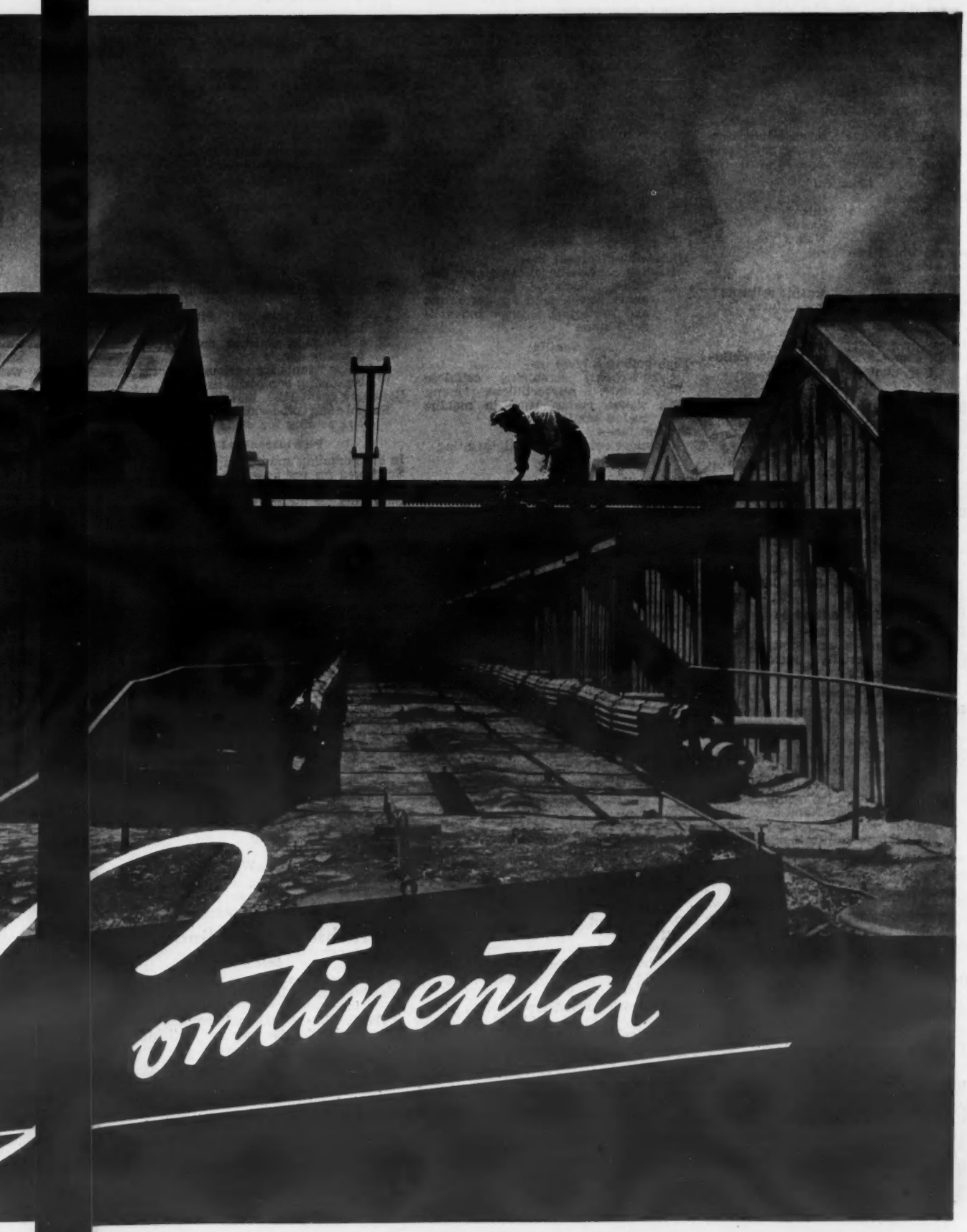
The McMurty Manufacturing Company, paint, glass and varnish, Denver, is observing its fiftieth anniversary. The company, established in 1889 as the Hallack Paint, Oil & Glass Company, moved in 1910 to its present address, at Twenty-sixth and Blake streets, after having been located on site which became Denver's first railway station. The company established a varnish factory in 1911, the first to be erected west of the Mississippi river. Following the death of John G. McMurty in 1919, William R. McFarland became president and continues in that capacity.

San Benito Initial Flax Crop Valued at $68,000

Estimated value of the first flax crop grown in the lower Rio Grande Valley, to be harvested in March and April of this year, will be approximately $68,000, according to the San Benito Chamber of Commerce, which instigated the planting of the crop. Approximately 1,500 acres have been planted to Punjab and Bison varieties, from which the estimated yield will be from 20 to 25 bushels per acre.

Chief product to be manufactured from the valley-grown flax will be seed oil. Cotton oil mills at Harlingen, Brownsville and Taft have offered to buy the entire 1938 crop. Equipment for cotton oil mills can be utilized in extracting oil from flax pods with little change, operators said.

A by-product manufactured from the stalk of the Punjab and Bison varieties of flax grown in the Imperial Valley of California is cigarette papers, but it is considered that this industry would be impracticable in the Lower Rio Grande Valley because of the weeds crop which grows along with the stand of flax.



Trade Briefs

Don H. Gearheart has been elected vice-president in charge of sales of the Warren Refining & Chemical Company, Cleveland.

Union Oil Company, Los Angeles, stockholders have elected Leland K. Whittier and Herman Phleger to the directorate.

M. L. Gosney has been elected treasurer of the Sinclair Refining Company, a subsidiary of the Consolidated Oil Corporation.

Celluloid Corporation has reopened its Newark, N. J., plant after having been closed since January 20, 1939, by a labor strike.

Rukert Marine Fertilizer, Inc., is erecting a two-story structure at 2100 South Clinton street, Baltimore, for the production of mixtures.

Golden Gate Paint, Varnish and Lacquer Association has appointed A. E. Schwartz, of L. H. Butcher & Co., chairman of the attendance committee.

Ajax Pipe Line Company carrier property has been valued by the Interstate Commerce Commission at $11,828,000 as of December 31, 1934.

Callahan Zinc-Lead Company has obtained a lease on the so-called Duquesne property in the Patagonia mining district in Santa Cruz country, Arizona.

Callahan Zinz-Lead Company, Wallace, Idaho, has leased the mines and property of the Peru Mining Company, Deming and Hanover, New Mexico.

New Orleans Paint, Varnish and Lacquer Association held a banquet January 25 in honor of Ernest T. Trigg, president of the national association.

Western Reserve Varnish Company's assets were sold in bankruptcy January 26. Plant and equipment, auctioned piecemeal, brought a total of $2,600.

New Orleans Petroleum Corporation, a newly formed distributing company, will represent Magnolia Oil Company in New Orleans and surrounding areas.

Shell Union Oil Corporation held annual meeting for its metropolitan New York sales staff January 24. H. J. Underwood, division manager, presided.

K. E. Cook, of the Standard Oil Company of New Jersey, has been elected a director of the National Association of Accredited Publicity Directors.

K. G. Mackenzie, of the Texas Company, this city, has been named chairman of the American Petroleum Institute's division of refining 1939 program committee.

National Association of Purchasing Agents is arranging a convention tour by special train to its annual meeting and Inform-a-Show in San Francisco May 22 to 25.

William Bell, of S. B. Penick & Co., botanical drugs, this city, was the father of a boy born January 2. The infant was named James Halsey Bell and, with its mother, is doing nicely.

Swift & Co., Chicago, plans the construction of a $300,000 soybean mill in Des Moines, Ia. The project will be completed November 1 for processing the 1939 crop, and will utilize 1,250,000 bushels of soybeans.

Foster Dee Snell, of Foster D. Snell, Inc., consultant chemist, Brooklyn, addressed the Dayton section of the American Chemical Society, January 10, and the Toledo section, January 11. His subject was "Some Factors in Detergency."

Shellac Importers Elect

The annual election for officers of the U. S. Shellac Importers Association held February 2 in the Down Town Athletic Club, resulted as follows:—President, Herbert Suhr, of J. Cornelis; vice-president, Morris Rosen, of the Mantrose Corporation; treasurer, Ralph McClintock, of the MacLac Company. George Ashby was continued as secretary.

The board of directors for this year is:—John R. Anderson, of Ralli Brothers; Louis Gillespie, of the Gillespie-Rogers-Pyatt Company; Philip Rowe, of Philip Rowe, Inc.; Adrian Jacobs, of Dings & Schuester, and Alfred Lerden, of Alfred Kramer & Co.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Six-hundred-thirty-second Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Aluminum Triformate

(Dreifachformiataluminium, Triformiate Aluminique, Triformiate d'Aluminium)

Miscellaneous

As a basic material only difficultly wettable by water
Mordant in—
Fur dyeing

Paper

Impregnating agent for—
Paper
Ingredient of—
Sizings and coatings
Waterproofings

Pharmaceutical

Suggested for use as—
Astringent
Coagulating agent
Disinfectant

Textile

Basic salt only difficultly wettable by water
Delustring agent for—
Rayon
Impregnating agent for—
Textile fabrics (for which purpose the advantages possessed are said to be that its solutions are less sensitive to bases and consequently to the hardness of the water used; also, its solutions are applicable hot, a point of advantage in the treatment of thick or closely woven fabrics)
Mordant in—
Dyeing processes
Reagent in—
After-treatment of dyeings
Waterproofing agent

Butyloxyethylparaphenylenediamine

Photographic

Developing agent (Brit. 460580)

Capric Acid Chloride

Chemical

Starting point (Brit. 453778) in making—
Emulsifying agents by sulphonating products of its reactions with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

Lubricant

Starting point (Brit. 453778) in making—
Lubricants with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

Cetoxymethylpyridinium Pyrosulphite

Paper

Conferrer (Brit. 472389) of—
Water-repellency properties to paper sized with starch or starch-containing compositions

Textile

Conferrer (Brit. 472389) of—
Water-repellency properties to fabrics, yarns, films of cellulosic materials, and other articles sized with starch or starch-containing compositions

4-Chlororesorcinol Normal Hexylether

Disinfectant

Germicide (U.S. 2036827)

Diamyl Peroxide

Mechanical

Activating agent (Brit. 443562) for—
Diesel motor fuels

Dilorolamine Chloride

Building Construction

Fluidity promoter (Brit. 458266) for—
Cement and concrete mixes

Ethyleneglycol Monomethylether Acetate

(Methyl Cellosolve Acetate)

Cellulose Products

Solvent for—
Cellulose acetate
Nitrocellulose
Solvent which has—
Toluene nitrocellulose dilution ratio of 2:3

Ceramic

High-boiling solvent in—
Coating compositions, containing cellulose acetate, nitrocellulose, oils, gums, resins, used for protecting and decorating ceramic ware

Chemical

Solvent for—
Cellulose acetate — Oils
Gums — Resins
Nitrocellulose — Waxes
Solvent which is—
Colorless
Mild-odored
Miscible with most organic solvents
Stable at ordinary temperatures

Cosmetic

High-boiling solvent in—
Nail enamels containing nitrocellulose, gums, waxes, resins

Electrical

High-boiling solvent in—
Insulating compositions, containing cellulose acetate, nitrocellulose, gums, waxes, resins, used for covering wire and electrical equipment and machinery

Glass

High-boiling solvent in—
Compositions, containing cellulose acetate, nitrocellulose, gums, resins, used in the manufacture of non-scatterable glass and as coatings for decorating glass and glassware

Glue and Adhesives

High-boiling solvent in—
Adhesive compositions containing cellulose acetate, nitrocellulose, gums, resins

Gums

High-boiling solvent for—
Gums

Leather

High-boiling solvent in—
Compositions, containing cellulose acetate, nitrocellulose, gums, resins, used in the manufacture of artificial leathers and as coatings in the decorating and protecting of leathers and leather goods

Metal Fabricating

High-boiling solvent in—
Coating compositions, containing cellulose acetate, nitrocellulose, gums, resins, used in the protection and decoration of metallic articles

Miscellaneous

High-boiling solvent in—
Coating compositions, containing cellulose acetate, nitrocellulose, gums, oils, waxes, resins, used for decorating and protecting various products

Paint and Varnish

High-boiling solvent and antiblushing agent in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate, nitrocellulose, gums, oils, resins
Solvent for—
Cellulose acetate — Oils
Gums — Resins
Nitrocellulose — Waxes

Paper

High-boiling solvent in—
Coating compositions, containing cellulose acetate, nitrocellulose, waxes, gums, resins, used in making paper and in decorating and protecting paper and pulp articles

Photographic

High-boiling solvent for—
Cellulose acetate
Nitrocellulose

Plastics

High-boiling solvent in—
Compositions, containing cellulose acetate, nitrocellulose, gums, resins, used for various molding and similar purposes

Resins

High-boiling solvent in—
Resin-nitrocellulose compositions and solutions

Rubber

High-boiling solvent in—
Coating compositions, containing cellulose acetate, nitrocellulose, gums, resins, used for decorating and protecting rubber goods

Stone

High-boiling solvent in—
Coating compositions, containing cellulose acetate, nitrocellulose, gums, resins, used for decorating and protecting natural and artificial stone

Textile

High-boiling solvent in—
Compositions, containing cellulose acetate, nitrocellulose, gums, waxes, resins, used in making coated textiles
Solvent for—
Cellulose acetate in textile printing

Wood

High-boiling solvent in—
Coating compositions, containing cellulose acetate, nitrocellulose, waxes, gums, resins, used for protecting and decorating woodwork and wooden articles

Neatsfoot Oil

(Axungia Pedum Tauri, Bubulum Oil, Graisse des Pieds du Gros Betail, Hoof Oil, Huile des Pieds de Boeuf, Huile des Pieds du Gros Betail, Huile des Pieds de Vache, Klauenoel, Ochsenklauenfett, Ochsenklauenoel, Oleum Bubulum, Oleum Pedum Tauri, Olio di Piede di Bove, Rinderklauenoel)

Chemical

Ingredient of—
Specialties for various industries
Starting point in making—
Specialties for various industries

Electrical

Protectant (U.S. 1352834) for—
Zinc cups of dry batteries

Fats and Oils

Starting point in making—
Sulphonated neatsfoot oils

Leather

Dressing agent for—
Hides — Skins
Leather
Finishing agent for—
Hides — Skins
Leather
Fat-liquoring agent for—
Hides — Skins
Ingredient of—
Dressing compositions
Finishing compositions
Lubricating compositions
Skin and hide finishing compounds (U.S. 1800776)
Softening compositions
Waterproofing compositions
Lubricant for—
Hides — Pelts
Leather — Skins
Softening agent for—
Hides — Pelts
Leather — Skins
Waterproofing agent for—
Hides — Pelts
Leather — Skins

Lubricant

Ingredient of—
Cutting oils
Lubricating compositions

Mechanical

Lubricant for—
Clocks
Cutting tools
Delicate machinery
Guns
Sewing machines

Metal Fabricating

Lubricant in—
Boring — Drilling
Cutting — Grinding

Miscellaneous

General waterproofing agent
Ingredient of—
Automobile top dressing (U.S. 1353239)
Belt dressing compositions
Brakelining compositions (U.S. 1876910)
Cleaning compositions for various purposes
Dressing agents for brakelinings and other products
Finishing compositions for various products
Penetrating agent for various purposes
Polishing preparations for wood, leather, and the like
Shoe dressings, polishes, and waterproofing agents
Softening agents for various purposes
Waterproofing compositions
Softening agent (U.S. 1894731) in—
Phenol-tung oil-formaldehyde resinous coating for stencil papers

Pharmaceutical

In compounding and dispensing practice
Suggested for use as—
Laxative
Suggested for use in treating—
Scrofulous afflictions

Printing

Process material (U.S. 1416706) in preparing—
Lithograph master sheets

Rubber

Starting point (U.S. 1344645) in making—
Emulsified lubricants for treating tire fabrics

Soap

Process material (U.S. 1449240) in making—
Potash soap
Scouring compositions

Textile

Ingredient of—
Dressing agents
Finishing agents
Lubricating agents
Softening agents
Waterproofing agents
Oiling agent for—
Raw silk — Wool

1-Methyl-2-phenyl-3-parachlorobenzoylindole

Dye

In dye syntheses
Starting point (Brit. 451937) in making—
Reddish-blue silk and wool dyes, claimed to be very fast to light

Ureagalactose

(Chemical compound obtained by evaporating an aqueous solution containing equimolecular proportions of the components)

Textile

Finishing, sizing, and weighting agent (Brit. 467749) for—
Cotton — Wool
Rayon

Paint, Varnish, Lacquer Materials

General Market Shows Strength as Busy Season Approaches —English Vermilion Up, Calcium Sulphide Down—Japan Buying Rosin—Plastic Paints and Calcimines Sales Off

As the rush season for trade in paint materials neared, demands and inquiries were on the upswing for the majority of materials. Most producers reported prospects of a better volume of sales than during the corresponding period last year. Inquiries for leaded pigments were especially heavy. An increase in the price of imported quicksilver two weeks ago led most of the producers of English vermilion to advance their prices at that time. Last week quicksilver was again advanced and those English vermilion producers who had kept at the lower price schedule two weeks ago, finally raised their quotations. Calcium sulphide orange was reduced. Price schedule for both the domestic and imported rottenstone was increased strongly.

Rosin and turpentine were irregular but the tone of Southern and local markets was regarded as steady or firm. Japan was reported to have been a liberal buyer of rosin. There were also reports of purchases in a small way for account of other foreign buyers. Domestic trade in rosin and turpentine continued along rather narrow lines.

Sales of plastic paints and calcimines during 1938 showed a decrease from the figure of 1937. Last year 6,306,594 pounds of plastic paints were sold compared with 6,646,615 pounds in 1937. In 1938 sales of calcimines totaled 73,694,769 pounds, compared with 79,383,212 pounds in 1937. Selling of interior casein-bound pastes in gallon quantities, rather than pounds, a practice instituted in 1938, prevented comparison of the sales of cold water paints during the two years. A complete table of comparative figures for the two past years will be found on page 39.

Exports of casein from the Argentine during 1938 were less than for each of the past 15 years, while shipments to the United States were lower than for any year in the past 25 years, according to the Department of Commerce. The limited foreign demand had been reflected in the low level of prices that prevailed over the past eight months, while the large stocks on hand continued to increase. Exports of casein dropped from 15,474 metric tons in 1937 to 13,668 tons in 1938. Shipments to this country were 1,873 tons in 1938 compared with 1,338 tons the previous year.

It was reported that a Japanese concern is now manufacturing acetylene black and has placed it on the market. Present plans call for an increase in output within a few months, capacity to be about 150 metric tons. The quality of the black was reported by consumers to be inferior to the material imported into Japan. Total imports of carbon black into Japan during the first ten months of 1938 were approximately 3,500 tons.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rottenstone, dom., bags., c.l., $3 per ton. l.c.l., $12.50 per ton.
Imported, lump, 2c. per pound.

Reduced

Cadmium sulphide, orange, 5c. per lb., barrels, works
Rosin, gum, medium grades, 2½c. to 5c. per 280 lbs.
Turpentine, gum, 2½c. per gallon.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	**131.7**	**131.1**	**131.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The demand for pig lead showed no gains last week while the price remained firm at the quoted levels. The slab zinc demand slackened somewhat over the course of the week. From the start of the week to the end, the price of lead on the London Metal Exchange dropped while that of zinc rose.

The Prime Western Producers Committee of the American Zinc Institute reported January sales for January delivery of 4,239 tons of prime western zinc at a weighted average selling price of $.04500, basis East St. Louis, and January sales for subsequent delivery of 6,135 tons at a weighted average price of $.04500. There were also 700 tons sold at the average price.

Lead.—Prevailing spot prices at New York. East St. Louis and London for the period from February 4 to 10, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0485@.0490	$0.0470	14 16 3
Monday	.0485@.0490	.0470	14 7 6
Tuesday	.0485@.0490	.0470	14 7 6
Wednesday	.0485@.0490	.0470	14 5 0
Thursday	.0485@.0490	.0470	14 5 0
Friday	.0485@.0490	.0470	14 5 0

Zinc.—Prevailing spot prices at New York. East St. Louis and London for the period from February 4 to 10, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0490	$0.0450	13 8 9
Monday	.0490	.0450	13 11 3
Tuesday	.0490	.0450	13 10 0
Wednesday	.0490	.0450	13 7 6
Thursday	.0490	.0450	13 10 0
Friday	.0490	.0450	13 10 0

Pigments

Demand showed a small improvement while inquiries increased substantially for the majority of materials in this group. Calcium sulphide was reduced 5c. in price to provide the feature of the market.

White Lead.—Inquiries were better although spot demand did not improve. Price was unchanged and steady.

Red Lead.—The tone of the market was stronger with increased numbers of inquiries for future business noted.

Litharge. — Pricewise the market strengthened although spot business showed no large improvement.

Lithopone.—Price was firm and unchanged. Spot demand increased slightly as did inquiries.

Titanium Pigments.—Buyers of this pigment showed more interest than had been noted for many previous weeks. The price remained firm and unchanged.

Orange Mineral.—The price showed tendencies to become stronger. Inquiries for future business increased.

Cadmium Sulphide.—The orange pigment was reduced 5c. last week. The new price was 75c. per pound in barrels, works. Interest of buyers increased substantially as a result of the lowering of the price.

Zinc Oxide.—Satisfactory sales volume was reported by most producers. Prices remained firm.

Fillers and Extenders

Potential buyers created a more active market here last week, according to reports of many producers. Although the spot demand was light, inquiries regarding future sales increased satisfactorily.

Barytes.—Demand was at an unchanged level with inquiries increasing. Prices remained firm and unchanged.

Mica.—Little improvement was reported and price continued steady.

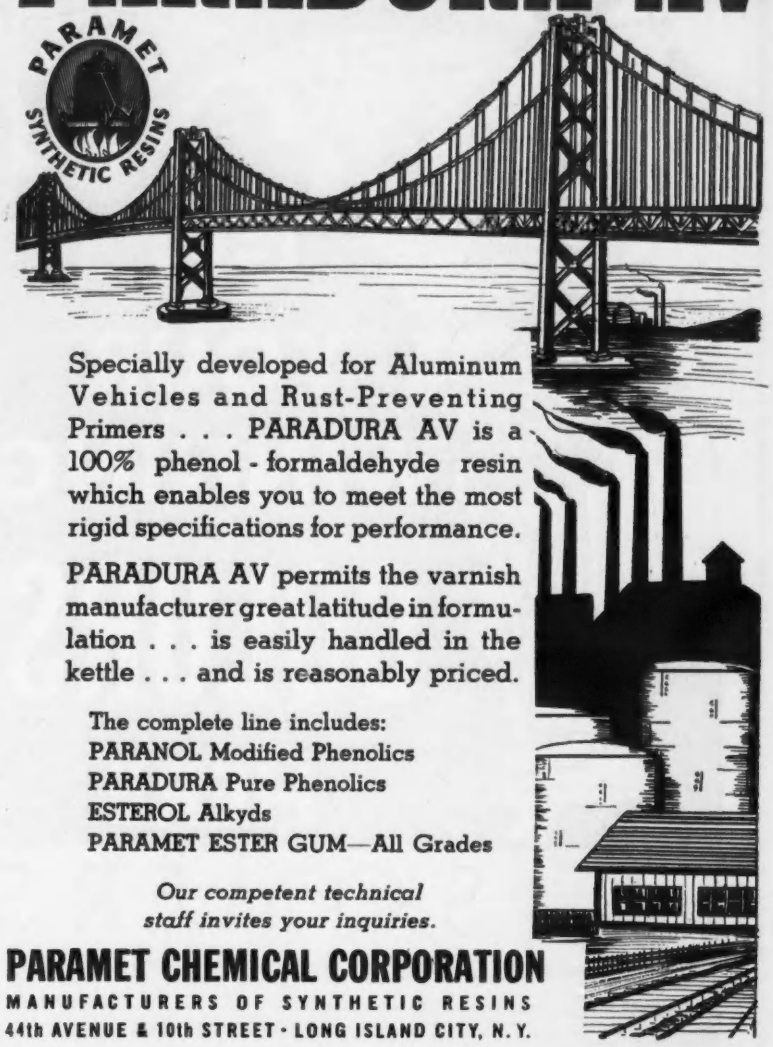
Talc.—The tone of the market showed a gain in strength although the price schedule did not change.

Graphite.—Demand for spot business increased. Price continued steady and no change was anticipated for the immediate future.

Rottenstone.—The domestic price was increased $3 to $25.50 per ton for carloads, while the l.c.l. price was advanced $12.50 per ton. The import lump material was raised 2c. to 14c. per pound for carload lots.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

PARADURA AV



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Dry Colors

The market was about the same if not a shade better than it had been the previous week. Demand was normal in regard to most colors. The price for imported vermilion showed considerable strength Dealers who failed to raise the price two weeks ago, when the quicksilver price was advanced, did so last week when quicksilver was upped again.

Carbon Black.—No increased activity was noted over the previous week. Price remained steady.

Chrome Colors.—Deliveries were normal and the prices continued unchanged.

Iron Blues.—Shipments of blues last week were reported fairly heavy. Prices were unchanged.

Vermilion.—Current price schedule for the imported material was $1.45 per pound in barrels, for 500 pounds or more, and $1.45 to $1.52 per pound for smaller lots. A few producers raised their price to $1.46, following last week's quicksilver advance, but the majority maintained the lower rate.

Varnish Gums

Spot demand improved slightly although producers failed to find satisfaction with the condition of the market. They expressed disgust with the still sluggish movement of stocks into consumption.

Copals.—Inquiries improved while spot demand remained about the same. Price was steady.

Dammars.—Demand increased slightly although no price changes were reported.

Synthetic Resins

Steady and fairly satisfactory conditions were reported by the majority of producers. Demand for ester gum was bigger and continued inquiries for future business gave the tone of the market a favorable outlook.

Naval Stores

Buying of rosin for Japanese account was the chief development of interest in the naval stores situation last week. According to some reports, the volume of business closed with Japan for the week was rather large and of sufficient importance to create a better feeling in some quarters, for the time being, at least, concerning the business outlook. There were also reports of inquiries for rosin from some other foreign sources, but the volume of transactions was apparently not of much importance. There was little change in the character of domestic business. At times a somewhat better inquiry was noted for both turpentine and rosin, but as a rule, actual business was of the same conservative nature noted for some time past.

On the other hand, offerings were light, sellers apparently being disposed to await definite news concerning the government's financial program covering operations next season although there appeared to be little doubt in trade circles as to the success of the negotiations now under way to secure sufficient funds for the entire naval stores year which opens April 1. Frequent rather heavy rains were reported in various parts of the South during the week, the precipitation being regarded as beneficial. The movement from the woods to the seaboard continued light.

Turpentine.—No broadening of trade was reported in the local market. In some quarters a fair inquiry was noted but takings were generally limited to comparatively small lots, consumers and dealers still being disinclined to purchase ahead to any material extent. Prices moved in company with primary quotations. Marketing in the South continued light.

SAVANNAH, Feb. 10.—Turpentine was quiet. The market had a steady tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	..	...	...	...	.....
Monday.....	26¾	49	4	81	45,203
Tuesday....	26½	25	22	1,255	43,970
Wednesday.	25	139	254	25	44,199
Thursday ..	24½	17	79	50	44,228
Friday	24	10	14	53	44,187

* No trading.

JACKSONVILLE, Feb. 10.—Turpentine was steady in a quiet market. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	..	...	...	...	.....
Monday.....	26	60	43	212	47,345
Tuesday....	26	41	7	...	47,352
Wednesday.	25	60	...	...	47,352
Thursday ..	24½	73	47	...	47,599
Friday	24	...	15	3	47,612

* No trading.

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Distillers of Coal Tar Products

PENSACOLA, Feb. 4.—Receipts of turpentine continued small. Following is a record of the market for the week:—

	Barrels		
	Receipts.	Shipments.	Stocks.
Monday	6	406	30,115
Tuesday	10	162	29,963
Wednesday	9	...	29,972
Thursday	..	...	29,972
Friday	30	...	30,002
Saturday	3	...	30,005

CHICAGO, Feb. 10.—Suppliers say there is generally a better atmosphere in the turpentine market, and that buyers seem willing to look forward a little in considering their needs. Ruling prices at the close of business last night were:—Five-drum lots, 34c. per gallon; five wood barrels, 39c.; single drums, 37c.; single barrels, 42c.

LONDON, Feb. 10.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	35	0
Monday	35	0
Tuesday	35	0
Wednesday	34	9
Thursday	34	9
Friday	34	9

Stocks of American turpentine in London were:—

	Feb. 10.	Previous week.	Last year.
Barrels	27,904	23,976	37,037

Rosin.—Price movements in the local market were moderate in company with developments in primary centers where the tone was reported as steady or firm. Purchasing here by local and outside consumers was generally limited to comparatively small or moderate quantities to fill current needs. Receipts and offerings in Southern markets were light.

PENSACOLA, Feb. 4.—The rosin market remained quiet. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	27	38	55	...	37	26
Shipments	...	...	...	...	200	...
Stocks	72,618	72,656	72,711	72,711	72,548	72,574

CHICAGO, Feb. 10.—Buyers of rosin seem to be watching the situation closely, and sellers are not too ready to sell. Ruling prices at the close of business last night were:—B grade, $6.55 per lot of 280 pounds; G grade, $8; M grade, $8.25; W.W. grade, $9.65.

SAVANNAH, Feb. 10.—Changes in rosin quotations were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.60	$3.55	$3.55	$3.55	$3.50
D	...	3.80	3.80	3.80	3.80	3.75
E	...	4.10	4.10	4.10	4.00	4.00
F	...	4.30	4.30	4.25	4.25	4.20
G	...	5.00	5.00	5.00	5.00	5.00
H	...	5.15	5.15	5.10	5.10	5.10
I	...	5.20	5.20	5.15	5.15	5.15
K	...	5.20	5.20	5.20	5.20	5.15
M	...	5.25	5.25	5.20	5.20	5.20
N	...	5.60	5.60	5.60	5.60	5.60
WG	...	6.00	6.00	6.00	6.00	6.00
WW	...	6.65	6.65	6.65	6.65	6.65
X	...	6.65	6.65	6.65	6.65	6.65
	Barrels					
Sales	...	100	49	68	54	76
Receipts...	...	355	549	515	524	150
Shipments.	...	748	1,457	35	545	140
Stocks.	..	303,289	302,381	302,861	302,840	302,850

* No trading.

JACKSONVILLE, Feb. 10.—The rosin market had a firm tone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.60	$3.50	$3.50	$3.50	$3.50
D	...	3.80	3.80	3.80	3.80	3.80
E	...	4.00	4.00	4.00	4.00	4.00
F	...	4.25	4.25	4.25	4.25	4.20
G	...	5.00	5.00	5.00	5.00	5.00
H	...	5.15	5.15	5.10	5.10	5.10
I	...	5.20	5.20	5.15	5.10	5.15
K	...	5.20	5.20	5.20	5.20	5.15
M	...	5.25	5.25	5.20	5.25	5.20
N	...	5.70	5.70	5.60	5.70	5.60
WG	...	6.00	6.00	6.00	6.00	6.00
WW	...	6.65	6.65	6.65	6.65	6.65
X	...	6.65	6.65	6.65	6.65	6.65
	Barrels					
Sales	...	47	53	45	45	45
Receipts...	...	308	258	118	172	151
Shipments.	...	409	44	82	142	583
Stocks.	..	279,998	280,212	280,248	280,278	279,846

* No trading.

LONDON, Feb. 10.—Quotations on American rosin were as follows:—

	Per cwt in barrels— Common. s.	d.	W.W. s.	d.
Saturday	14	10½	19	6
Monday	14	10½	19	6
Tuesday	14	10½	19	6
Wednesday	14	10½	19	6
Thursday	14	10½	19	6
Friday	14	10½	19	6

Pine Oil.—A steady tone prevailed in the local market, with spot quotations maintained at former levels. As in recent preceding weeks, purchasing was generally along conservative lines.

Pitch.—No broadening of demand was noted, purchasing here apparently being limited as a rule to comparatively small or moderate lots. The market retained a steady tone.

Rosin Oil.—Quotations were generally held at the levels in effect in the previous week as the position of basic material in primary centers did not change greatly during the week. Business was routine.

Tar.—Trade lacked snap, local and other consumers apparently being disinclined to purchase ahead to any important extent. The market was steady.

Shellac

Business in the local shellac market remained very quiet last week. Trade was mainly in small lots and the total volume was not very substantial in size. For the most part, spot prices were fairly steady, occasional exceptions of a minor sort being reported. The fact seemed to be that there was insufficient business to bring the potential shaders of prices into the open and the tendency in that respect was more potential than actual. Foreign markets changed very little in price. London rose slightly during the period under review, but Calcutta failed to change quotably. However, conditions governing trading in Calcutta were such as to keep that market fairly favorable to buyers. Importations in December were as follows:—

	Pounds.
Crude lac (seed, stick, etc.)	816,590
Unbleached	904,713
Bleached	6,672

Calcutta, Feb. 10.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound— Feb. 10.	Feb. 3.
February	10¼c.	10¼c.

Day-to-day quotations were as follows:—

	Per pound.
February 3	10¼c.
February 4	10¼c.
February 6	10¼c.
February 7	10¼c.
February 8	10¼c.
February 9	10¼c.
February 10	10¼c.

London, Feb. 10.—Prices quoted on London standard T.N. shellac, basis of sterling exchange of $4.88, were as follows:—

	February 10— Shillings. Cwt.	Cents. lb.	February 3— Shillings. Cwt.	Cents. lb.
March	39¾	8.67	39½	8.61
May	40½	8.83	40¼	8.776

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Day-to-day closing prices were as follows:—

	Per hundredweight March.	May.
February 3	39s 6d	40s 3d
February 4	39s 6d	40s 3d
February 6	39s 3d	40s 3d
February 7	39s 3d	40s 3d
February 8	39s 6d	40s 6d
February 9	39s 9d	40s 6d
February 10	39s 9d	40s 6d

Lacquer Materials

Interest in the market for lacquer materials and solvents was maintained at comparatively steady levels. Consumers were not doing much forward buying, but replacement business was sufficient to give the market satisfactory support. The market lacked any feature as far as prices were concerned, and a steady tone characterized the dealings. Automotive operations were resumed on a more favorable basis, after interruptions by severe storms.

Acetone.—Volume of business continued to hold up comparatively well, with improvement in the rayon industry a significant factor. A steady to firm price tone governed the transactions. December exports totaled 783,578 pounds, valued at $52,614, of which 178,998 pounds went to Belgium; 183,579 pounds to the Irish Free State; 152,855 pounds to the United Kingdom and 89,453 pounds to Japan.

Amyl Acetate.—Price schedules were fully maintained in the market last week. Business was along moderately active lines. December exports aggregated 26,562 pounds, valued at $3,161, of which 2,340 pounds went to the Netherlands; 9,767 pounds to Brazil; 3,410 pounds to Colombia and 9,288 pounds to Australia.

Butyl Acetate.—Withdrawals were described as steady for the normal and secondary material. Pricewise the market was unchanged, and a steady tone prevailed. December exports totaled 372,526 pounds, valued at $33,352, of which 175,617 pounds went to Australia; 82,476 pounds to the United Kingdom and 35,880 pounds to France.

Tricresyl Phosphate.—The market received support from lacquer trade for fair size quantities last week. There was nothing new to divulge in the price schedule, and current quotations were well maintained.

Driers

Producers reported small gains in sales during the past week, which was a welcome change from the dullness of the previous weeks. Contracting for future business remained active and prospects for heavy future deliveries were good.

Glues and Binders

Casein.—The market continued in a slack position. No price change was reported.

Glues.—A continued steady improvement was seen here. Business was satisfactory and, in general, ahead of last month.

Painting Contractors Plan Styling, Time Selling Drive

—Continued from page 3

both styling and time selling will be put into effect.

E. Gerry Eastman, representing the American Turpentine Farmers Association Cooperative, in addressing the convention on the subject of gum spirits of turpentine, announced a $200,000 national advertising campaign featuring the slogan, "paint now—and save." The campaign will emphasize the importance of hiring competent painting contractors and using quality materials.

Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, commenting on the great unrealized paint market in the United States, called for more intensive selling activities, and outlined the cooperation which the manufacuring industry is prepared to give to painting contractors. Other addresses were:—"Oil—the Life of Paint," C. E. Wilson, James B. Sipe & Company; "Styling for Paint," William M. Stuart, Martin-Senour Company; and a talk on organization problems by George S. Stuart, executive director of the association.

Manufacturing companies which exhibited their products were:—

Aluminum Company of America, Clark Stek-O Corporation, Devoe & Raynolds Co., Inc., Eagle-Picher Sales Company, Gerts, Lumbard & Co., Hanlon & Goodman Co., Hilo Varnish Corporation, Huron Milling Co., Inc., Keystone Varnish Company, Martin-Senour Company, John W. Masury & Son, Benjamin Moore & Co., Muralo Company, Murphy Varnish Company, National Chemical & Manufacturing Co., National Lead Company, Passonno Hutcheon Co., Periseal Company, Pittsburgh Plate Glass Company, Pratt & Lambert, Inc., Sherwin-Williams Company, James B. Sipe & Company, Standard Varnish Works, Richard E. Thibaut, Inc., John S. Tilley Ladders Co., Inc., United States Gypsum Company, Wall Paper Institute, Wilson-Imperial Company.

Cold-Water Paint Specifications Proposed

Tentative drafts have been issued of proposed Federal specifications for casein-binder and emulsified resin-binder cold-water paints. These have been submitted to the industry by the National Bureau of Standards for study.

Comments, suggestions, and criticisms of the proposed specifications will be received by the bureau until March 1. Copies of the proposed specifications may be obtained from E. F. Hickson, chairman of the technical committee on paint of the Federal Specifications Executive Committee, National Bureau of Standards, Washington.

Dr. H. M. Walton Joins Continental Carbon Company

Dr. Henry M. Walton recently joined the research staff of the Continental Carbon Company, this city. He will engage in research work on carbon black, produced by the company and used in the rubber, paint, printing ink and other industries.

Dr. Walton, who earned his LL.D. at the University of Frankfort-on-Main in 1933 and a Ph.D. in chemistry at the University of Chicago in 1938, following special study abroad, served in the research laboratories of a leading European firm in the field of varnish and lacquer manufacture developing new and improved formulas for such products.

Atlantic Associates Wins Casein Paint Patent Suit

A decree by consent was entered in the Federal district court in Massachusetts on February 2 directing that an injunction issue permanently restraining E. and F. King & Co.; the Wilbur & Williams Manufacturing Company, and the Wilbur & Williams Company, from manufacturing or selling casein paint products in violation of U. S. Letters Patent No. 1,893,608 issued to Francis Clark Atwood and now owned by Atlantic Research Associates, Inc., of Newtonville, Mass.

In order that they might continue the manufacture and sale of casein paint products coming within the terms of the aforesaid Atwood patent, the defendants have been granted a license to operate under this Atwood patent and other patents relating to the same subject matter owned by Atlantic Research Association, Inc.

Phoenix Naval Stores, Gulfport, Miss., has closed down its plant temporarily, because of the dull demand generally.

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N.Y. Production Club Hears Talk on Paint Film

—*Continued from page* 3

surface coating reduces the durability, the speaker proved with the pictures. In addition, any crystals formed in the coating obviously act as foreign matter, disrupting the homogeneity of the film and functioning as starting points for the breakdown.

The pictures revealed smoothness of the film surface as one of the conditions for good durability. Any surface irregularity will reduce the film resistance as showed by the pictures of surface currents and wrinkle formation. The whirlpool-like currents in the surface, developing if solvents are not properly balanced, caused depressions in the coating surface, which acted as weak spots, starting and promoting film breakdown. In the same way breakdown started at areas of increased tension caused by wrinkle formation.

Dr. Krumbhaar showed pictures of growth of lead and zinc soaps and pointed out how durability is influenced by soap formation. The crystals in the picture gradually penetrated the entire surface coating and strengthened the film mechanically making it denser, more waterproof and affording efficient light protection. It was obvious that the long and flexible lead soap crystals provided better reinforcement than the short and brittle zinc soap needles, which gave rise to the formation of the characteristic web-like cracks associated with the breakdown of zinc oxide coatings.

Corrosion pictures demonstrated conspicuously the destructive action of rust formation. Loose particles formed which had a greater volume than the original metal and therefore either broke through the surface coating and made it porous, or detached the protective coating entirely from its base.

The pictures of a film breakdown under tensile strength demonstrated durability problems. It showed that a film breaks at its weakest spot as soon as the internal stress set up in the surface coating exceeds its tensile strength at the same weak point. It also demonstrated the play of elastic forces around the points of breaking. It was obvious that the durability of a surface coating film is increased by either releasing internal tensions, or eliminating vulnerable spots, or both. According to Dr. Krumbhaar, these effects are obtained by a mechanical and chemical reinforcement of the film-forming material according to methods well known to the formulator of modern surface coating materials.

Joseph Mattiello, president of the production club, who presided, announced to the meeting that at next month's dinner the club would be host to members of the New York Paint, Varnish and Lacquer Association.

New members of the club, elected at the dinner, were:—David Drimer of the Mayer & Lowenstein Company, Long Island City; Linn M. Lockwood of the Thibaut-Walker Company, Long Island City; Morgan Orr of the Woolsey Paint and Color Company, Jersey City; Paul K. Davis of the Joseph Dixon Crucible Company, Jersey City; Dr. R. L. Sebastian of the Murallo Company, Staten Island; Joseph M. Martin of John W. Masury and Son, Brooklyn; and Edward Miller of the Standard Varnish Works, Staten Island.

Paint Federation Names Committee Chairmen

Chairmen of the various committees of the Federation of Paint and Varnish Production Clubs, as announced by A. E. Stauderman, of Devoe & Raynolds Company, president of the federation are as follows:—Advisory, A. E. Stauderman; *American Paint Journal* award, E. W. Boughton; by-laws, K. J. Howe; cost accounting, Frank N. Stearns; *Drugs, Oils and Paint* award, A. E. Stauderman; golf, H. V. Carlaw; membership, J. A. Frederickson; memorial, W. P. Werner; National Paint Bulletin award, George Fearnley; nominating, E. V. Ladd; paint show, J. F. McMenamin; plant managers, R. J. Smith; program, R. E. Prince; publicity, W. F. Kuster, scholarship, K. J. Howe; technical, George Sutherland.

'Ox-Line' Denied as Paint Name

The United States Patent Office has decided that Lehman Brothers, Inc., Jersey City, N. J., is not entitled to register a trade-mark for paints, varnishes, and enamels, consisting of the word, "Ox-line," displayed in association with a picture of the head and neck of an ox and a red collar or yoke embracing the neck, in view of the prior registration by another of the word, "Oxolin," for the same goods. The decision stated that the natural pronunciations of the two words are so similar as to be likely to cause confusion or mistake in the minds of persons who do not rely on the visual appearance of the marks in their entirety.

Cleve. Paint Club Hears Address by Trigg

The Cleveland Paint, Varnish and Lacquer Association met February 1 in the Hermit Club, with approximately sixty members present at the dinner. President Hawkins opened the meeting and all business was dispensed with in order to allow Ernest Trigg, president of the national association, as much time as possible for his talk.

Mr. Trigg told how the various paint clubs must advise the national association as to what they want, so that the national officers can consolidate these ideas from all clubs and act on them, he stated that paint business is far from realizing on the possibilities of the available markets. He went on to say that about 10 percent of the paint and varnish and allied products are being sold where 90 percent are waiting for someone to come and take the business. Mr. Trigg suggests, also, that the paint manufacturers quit swapping accounts and go after new fields with a genuine creative selling job getting new business.

Plastic, Coldwater Paint Calcimine Sales: 1938

Sales of plastic and cold-water paints and calcimines reported by fifty-three manufacturers to the Bureau of Census for 1938 were as follows:—

Plastic Paints

	Pounds	
	1938.	1937.
Paste, casein-bound	1,149,788	1,158,002
All other	416,428	361,355
Dry, casein-bound	3,086,376	3,125,923
glue-bound	1,654,002	2,001,275
Totals	6,306,594	6,646,615

Cold-Water Paints

	Pounds	
	1938.	1937.
Exterior, lime or cement-bound	8,666,299	8,623,812
casein-bound	4,629,000	4,309,686
Interior, casein - bound, paste or semi-paste form	2,163,005*	18,030,098
dry powder form	11,003,908	5,556,802
glue-bound	4,539,340	5,140,816
Totals	.....	41,662,216

* Since January, 1938, this figure has been quoted in terms of gallons.

Calcimines

	Pounds	
	1938.	1937.
Hot water	37,455,711	40,211,314
Cold water	36,239,058	39,171,898
Totals	73,694,769	79,383,212

Value of the sales of these products for 1938 compared with 1937 was as follows:—

	Value	
	1938.	1937.
Plastic paints	$482,417	$519,273
Cold-water paints	4,536,806	3,095,802
Calcimines	3,077,748	3,364,066

Baltimore Production Club Hears Dr.R.J.Moore

The Baltimore Paint and Varnish Production Club was addressed at its meeting, February 3, by Dr. Robert J. Moore, of the Bakelite Corporation, New York, on "Colloidal Aspects of Dispersion as Applied to Paints and Varnishes." Dr. Moore stressed the application of dispersed resins as metal primers. Harry Feinberg, of the H. B. Davis Paint Company, presided.

Forman-Ford & Co., paint and glass, Minneapolis, has elected L. A. Potter president, succeeding A. E. Clerihew who has been made chairman of the directorate. The company plans a factory expansion program.

Brush-making in penal or other public institutions in this State would be limited by the Condon bill (S. 533), introduced at Albany to the supplying of the needs of State correctional and charitable institutions.

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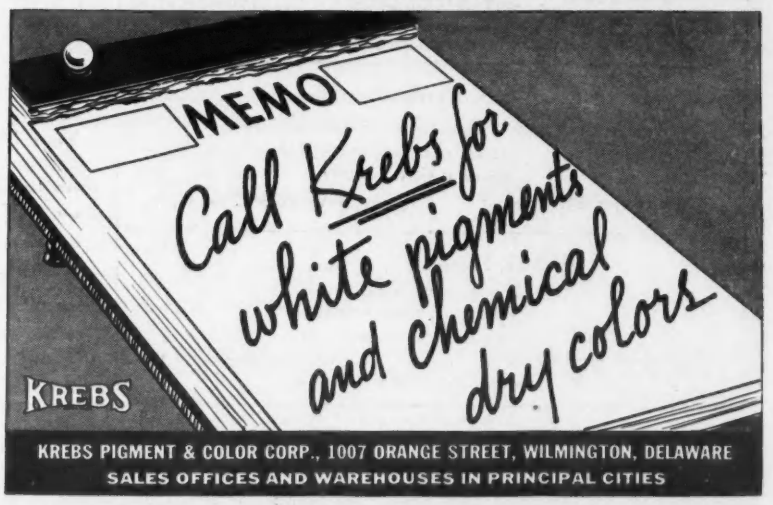

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Domestic Fats and Oils Producers Form Ass'n

OPD Washington Bureau
February 6, 1939

At the conclusion of the Domestic Fats and Oils Conference, held February 2-4, a national organization representing farm and factory producers of more than half of all domestic fats and oils was formed. The officers elected were:—President, J. F. Johnson, St. Louis; first vice-president, T. J. Kidd, Birmingham, Ala.; treasurer, Roger E. Morse, Boston, Mass.; secretary and assistant treasurer, F. B. Wise, Washington.

Directors, representing commodity groups, are as follows: Soybean producers, G. G. McIlroy, Irwin, Ohio; butter producers, A. M. Loomis, Washington, D. C.; cottonseed oil producers, T. J. Kidd, Birmingham, Ala., and J. I. Morgan, Farmville, N. C.; soybean oil producers, J. F. Johnson, St. Louis, Mo.; corn oil producers, J. B. Newman, Washington, D. C.; tallow and grease producers, Roger E. Morse, Boston, Mass.; fish oil producers, W. S. Snow, Alexandria, Va.; southern commissioners of agriculture, Harry D. Wilson, Baton Rouge, La., and C. C. Hanson, Memphis, Tenn.

Package Symposium Set For N.Y. March 7-10

A symposium on packaging and the new food, drug and cosmetic law will be a feature of the ninth conference on packaging, packing and shipping to be held in conjunction with the Ninth Packing Exposition at the Hotel Astor March 7 to 10, the American Management Association has announced. Speakers will include a representative from each of the fields of manufacturing, retailing, designing and the law.

Falk & Co., industrial oils, Carnegie Pa., has completed a new office addition and research laboratory. The building is completely air conditioned.

Supermarkets Excises In N.J. Cities Nullified

Holding that discriminatory municipal taxation of specific retail businesses is arbitrary and unreasonable, the Supreme Court of New Jersey, February 4, nullified ordinances of Atlantic City and Camden imposing excise levies on supermarkets. The Atlantic City Tax was $5,000 a year; that in Camden, $10,000. The ordinances were fought in the court by the Great Atlantic & Pacific Tea Company, Acme Markets, Inc., the Giant Tiger Corporation, and Food Fair, Inc., which charged that the taxes were not only discriminatory and confiscatory, but also were "against the best interests of the consumer public."

Justice Joseph L. Bodine, who wrote the supreme court's opinion in the case, said:—

The municipality must reasonably exercise the power to license business. It cannot arbitrarily discriminate between those engaged in the same business merely because one merchant chooses one method for making sales and another fails to do so . . . The municipality may not require its residents to forego the exercise of any economy in order that a group of merchants, unwilling to take advantage of economy and management, may prosper.

'Optrex' Denied Registration

Assistant Commissioner of Patents Leslie Frazer has held that the opposition by the Ostrex Company, this city, to the registration by Euromica Medical Products, Inc., this city, of the notation, "Optrex," in association with various design features and certain disclaimed printed matter, as a trademark for a lotion for the eyes, was properly sustained. The opposition was based on the opposer's ownership of the trademark, "Ostrex Tonic," for a general health tonic in tablet form. The ground of the decision is that the applicant had established no trademark use of the mark in question prior to the use and registration by the opposer of its mark.

Oils, Fats, and Waxes

Cottonseed Oil Futures Down to New Lows with Lard—Refined Fish Oils Reduced—Crude Coconut Weaker—Sales of Tallow at a Decline—Chinawood Oil Steadier

Quotations on miscellaneous oils, fats and greases had a downward trend last week, supplies of various vegetable, animal and fish products being available at concessions. No broadening of business was noted. Here and there a fair inquiry was reported, but with cottonseed oil and lard futures down to new low prices for the season, consumers of other oils and greases were disposed in many cases to hold aloof or limit their takings to small lots to fill immediate needs.

Chinawood oil was firmer, quotations being advanced moderately on a stronger situation abroad. Crude coconut oil was reduced, the easier tone being due to lack of demand and a downward trend in competing products. Teaseed oil was available at concessions, supplies in some quarters having increased. Edible cottonseed oil was reduced moderately by refiners.

Refined sardine oil was reduced by local interests, the easier situation being the result of recent developments in crude oil in the primary market. Oleo oil was available at lower prices but quotations on other animal oils were maintained at former levels by refiners. The trend of stearin was again downward. Cash lard was irregular in company with futures. Tallow was easier, sales being reported at a decline.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ¼c. per lb.

Reduced

Babassu oil, ⅛c. per lb.
Beeswax, Brazilian, 1c. per lb.
Coconut oil, crude, ⅛c. per lb.
Corn oil, ⅛c. per lb.
Cottonseed oil, crude, ¼c. per lb.
Cottonseed oil, edible, ¼c. per lb.
Grease, ¼c. per lb.
Lard, 25c. to 40c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Menhaden oil, refined, 2-10c. per lb.
Oleo oil, ¼c. per lb.
Olive oil, denatured, 1c. per gal.
Olive oil foots, ⅛c. per lb.
Peanut oil, ⅛c. per lb.
Perilla oil, ¼c. per lb.
Sardine oil, refined, 2-10c. per lb.
Sesame oil, ½c. per lb.
Stearin, oleo, ¼c. per lb.
Tallow, ¼c. per lb.
Teaseed oil, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
98.2	**101.0**	**101.6**	**119.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—A firmer tone developed in domestic markets although prices did not move very decisively. The situation abroad was firmer, however, and sellers here and on the Pacific Coast advanced spot quotations about ¼c. per pound. Offerings from abroad were reported as light and local sellers in some cases were inclined to hold off pending further developments in the primary situation. There were reports of a fair inquiry but such transactions as were noted were limited to unimportant quantities. Importations during December were 7,749,896 pounds.

Coconut.—Demand for crude oil was slow and the market had an easier tone, quotations being shaded ⅛c. Refined oil was quiet and steady. Production of crude coconut oil during the final quarter of 1938 was 73,684,873 pounds; consumption, 150,921,959 pounds; factory and warehouse stocks at close of December, 202,301,429 pounds; refined oil production, 82,743,176 pounds; consumption, 78,573,389 pounds; factory and warehouse stocks, 13,331,925 pounds. Importations of coconut oil during the December quarter, 101,342,966 pounds.

Corn.—The market was quiet and an easier tone developed, quotations being shaded ⅛c. to ¼c. per pound. Production of crude corn oil during the December quarter was 38,199,800 pounds; consumption 40,343,341 pounds; factory and warehouse stocks at close of December, 14,726,114 pounds; refined oil production, 36,458,838 pounds; consumption, 15,626,536 pounds; factory and warehouse stocks, 12,308,742 pounds. Importations of corn oil during December quarter, 3,541,228 pounds.

Cottonseed.—Edible oil was easier, quotations being reduced ¼c. per pound by refiners. Trade was fair.

Oiticica.—The market was steady with a fair inquiry. Importations during the final quarter of 1938 were 2,238,849 pounds.

Olive.—With trade slow, the market had an easier tone, quotations being shaded 1c. per gallon on denatured oil and ⅛c. per pound on foots. Importations of foots during the final quarter of 1938 were 5,455,996 pounds; other inedible olive oil 1,500,875 pounds; edible oil, 14,170,711 pounds. Factory and warehouse stocks of foots at close of December, 12,422,862 pounds; other inedible oil, 861,873 pounds; edible, 5,013,042 pounds.

Palm.—Quotations underwent little change, the tone being fairly steady despite the absence of any demand of consequence. Production of refined palm oil during December quarter 33,203,641 pounds; consumption, 34,678,141 pounds; factory and warehouse stocks at close of December, 18,759,219 pounds; crude palm oil consumption, 66,549,575 pounds; factory and warehouse stocks, 143,663,788 pounds. Palm oil imports during December quarter, 74,719,179 pounds. Production of refined palmkernel oil during quarter 3,329,264 pounds; consumption, 4,277,421 pounds; factory and warehouse stocks at close of December, 2,261,489 pounds.

Peanut.—Quotations were shaded ⅛c. to ¼c. per pound, the tone being easier in company with competing products. Production of virgin and crude peanut oil during the final quarter of 1938 was 18,939,097 pounds; consumption, 18,887,245 pounds; factory and warehouse stocks at close of December, 7,564,228 pounds; refined oil production, 17,802,826 pounds; consumption, 12,824,680 pounds; factory and warehouse stocks, 18,793,911 pounds. Importations of peanut oil during the December quarter, 6,949,951 pounds.

Perilla.—Trade was slow and the market had an easier tone, quotations being shaded about ¼c. Importations during the final quarter of 1938 were 9,129,161 pounds; consumption, 8,534,481 pounds; factory and warehouse stocks at close of December, 13,633,268 pounds.

Sesame.—Imported refined oil was available on spot at 9c. to 9¼c. per pound in drums. There was a fair inquiry. Importations during the final quarter of 1938 were 815,192 pounds; consumption, 1,077,966 pounds; factory and warehouse stocks at close of December, 205,440 pounds.

Soybean.—The market was quiet, with the tone easy. Production of crude oil during the final quarter of 1938 was 114,753,912 pounds; consumption, 90,150,777 pounds; factory and warehouse stocks at close of December, 49,522,064 pounds; refined oil production, 80,392,718 pounds; consumption, 66,540,413 pounds; factory and warehouse stocks, 24,727,916 pounds. Importations during quarter, 627,573 pounds.

Teaseed.—Offerings were somewhat freer on spot and for arrival and the market had an easier tone, quotations on crude and refined being shaded about ¼c. Importations during final quarter of 1938, 5,355,686 pounds.

Markets at Other Centers

Chicago, Feb. 10.—Trade has been slow in vegetable oils, with feeling somewhat easier, and prices on some of the representative materials working a little lower now and then.

COCONUT.—Coast basis, February-forward, 2⅝c. to 2¾c. per pound. Refined edible oil, 8¼c. to 8½c., barrels, car lots, and 8½c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 6c. to 6½c. per pound, partly nominal. Refined edible oil, 9c. to 9½c., barrels, car lots, and 9½c. to 10c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 15.4c to 15.5c. per pound, spot, and 14.2c. to 14.3c., deferred.

PEANUT.—Crude, 4¾c. to 5c. per pound, partly nominal.

SOYBEAN.—Crude, mills, 4½c. to 4¾c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular, changes in prices generally being moderate. Trading in futures was quieter, and cash business was also on a smaller scale than in recent preceding weeks. The crop movement was moderate. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Feb. 10.	Closing Feb. 3.
Cash, No. 2..	$0.81½	$0.80	$0.80	$0.81⅝
May	.81	.79¼	.79⅝	.81⅝
July	.81	.79⅝	.79⅝	.81⅝

London, Jan. 31.—Soybean oil, crude, 22s. 6d. per cwt.; rapeseed, refined, 32s. 9d.;

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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palm kernel, refined, English, 24s. 9d.; peanut, Bombay, 21s.; sardine, Japanese, 16s. 6d.; whale, crude, Rotterdam, 13s. 9d.

San Francisco, Feb. 7.—There has been an easy note in edible products. Paint and varnish materials have shown a certain amount of stability. Buying has been moderate.

Ruling prices are:—

COCONUT.—Crude oil, 2¾c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills. Buyers, recently in the market with bids of 2⅝c., have withdrawn, to name 2½c. No business is being registered.

CHINAWOOD. — Steady after recent transactions at 13¾c. per pound in tankcars, f.o.b. Pacific Coast ports. Most sellers continue to name 14c.

BABASSU.—Quoted at 2⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COTTONSEED. — Domestic bleachable oil, 6.90c. per pound in tankcars, f.o.b. Pacific Coast mills, with foreign offerings absent.

PERILLA.—Crude oil, 9c. per pound in tankcars, for prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil quoted 5¼c. per pound, nominally, in tankcars, f.o.b. Pacific Coast ports for shipment out of the Orient.

RICE BRAN.—Semi-refined oil duty paid, quoted 5½c. per pound, nominally, in tankcars, f.o.b. San Francisco for shipment out of the Orient.

TEASEED.—Quoted for shipment from China at 8c. per pound in tankcars, f.o.b. Pacific Coast ports.

COPRA.—The market remained dormant for all practical purposes and the quotations as posted by sellers were unchanged from those of the previous week. Europe is said to be buying. Quoted on the basis of 1.70c. to 1.725c. per pound, c.i.f. Pacific Coast ports.

Linseed Oil

Changes in flaxseed quotations generally moderate. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, Feb. 10.—Small offerings of flax here encourage no brisk commercial demand, and the cash trading basis remains 2 to 8 cents over the Minneapolis May price. There is little interest on either side so far as the flax market is concerned, and interest seems centered on the condition of the ground for next season's planting and the arrangements for the war on hoppers. Some places have prepared well, but others seem to be indifferent or slack.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.82	$1.74
Monday	1.83	1.75
Tuesday	1.85	1.77
Wednesday	1.85½	1.77½
Thursday	1.84	1.76
Friday	1.84	1.76

Crop movement in bushels follows:—

	Receipts		Shipments	
	1939.	1938.	1939.	1938.
This week..	....	1,189	....	1,608
Since Aug. 1...	1,358,874	1,061,402	1,292,321	1,143,848

MINNEAPOLIS, Feb. 10.—The flaxseed market was quiet and easy insofar as crushers were concerned. Seed houses picked up most of the flax that arrived here, anything that was desirable for seed purposes, and shipped it all over the country. Crushers picked up the rest of the offerings but because of quality purchased lowered their premiums. Receipts were moderate and came from a wide territory. Most of it originated in the Red River Valley of Minnesota and North Dakota and was of fair quality. Shipping advices from the country are limited and no important movement is expected for the balance of the season. Crushers paid as high as 11c. over May for the best they got and seed house buyers paid 15c. to 16c. over for most of their stock, more if the quality was fancy. Shipments were light and local elevator stocks evened up in three days.

Trade in futures was heavier and steady pressure from California forced the market into stop-loss territory. A sharp dip followed but the market recovered on crusher and commission house buying. California hedges were placed in September futures. Some pressure from Texas is expected as the crop there should be ready for shipment some time in June or July if the weather is normal.

Weather conditions in the Northwest have been fairly favorable and more acreage received precipitation.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.86	$1.74	$1.73
Monday	1.86	1.75	1.72½
Tuesday	1.88	1.77	1.74
Wednesday	1.88½	1.77½	1.75½
Thursday	1.87	1.76	1.74
Friday	1.87	1.76	1.76

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1939.	1938.	1939.	1938.
This week..	15,000	28,040	7,200	6,160
Since Sept. 1...	2,883,870	3,218,340	455,559	607,802

WINNIPEG, Feb. 10.—Flaxseed prices were irregular in a quiet market. The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.42⅝	$1.44⅝
Monday	1.44¼	1.46¼
Tuesday	1.45	1.47⅛
Wednesday	1.47	1.49
Thursday	1.46	1.48
Friday	1.45⅞	1.47⅞

BUENOS AIRES, Feb. 10.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.05½	$1.34⅞
Monday	1.05½	1.34⅞
Tuesday	1.05⅛	1.33¼
Wednesday	1.06⅜	1.33⅝
Thursday	1.06⅜	1.34⅛
Friday	1.07⅛	1.34⅛

Exports

To—	Bushels		
	Last week.	Previous week.	Last year.
United States.....	543,000	579,000	217,000
United Kingdom..	.....	55,000	98,000
Continent	850,000	1,673,000	862,000
Orders	126,000	75,000	217,000
Others	.....	.....	.....
Totals	1,519,000	2,382,000	1,394,000

Since January 1

To—	Bushels	
	This year.	Last year.
United States.....	3,436,000	2,635,000
United Kingdom.....	240,000	444,000
Continent	4,499,000	4,760,000
Orders	1,535,000	3,032,000
Others	240,000	51,000
Totals	9,950,000	10,922,000

Visible Supply

	Bushels.
Last week.....	5,512,000
Previous week.....	5,118,000
Last year.....	6,890,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels		
	Last week.	Previous week.	Last year.
United Kingdom..	324,000	8,000	256,000
Continent	.....	.....	.....
Others	*28,000	.....	24,000
Totals	352,000	8,000	280,000

* To Australia and Japan.

Since April 1—	Bushels	
	This year.	Last year.
United Kingdom.....	9,964,000	6,989,000
Continent	796,000	268,000
Others	504,000	1,124,000
Totals	11,264,000	8,381,000

HULL, Feb. 10.—Quotations on flaxseed were:—

	Per ton	
	La Plata.	Bombay.
Saturday	£10⅞	£12⅞
Monday	10⅞	12⅞
Tuesday	10⅞	13
Wednesday	10⅞	13⅛
Thursday	10⅞	13⅛
Friday	10⅞	13⅛

Linseed Oil.—Quiet conditions continued to prevail in the market here. A fair movement of oil on contracts previously placed was noted, but new business was extremely slow much of the time, consumers and dealers being inclined in many cases to hold off for further developments in other commodities, as well as in the crop situation in Argentina and the general business and political situation at home and abroad. Changes in flaxseed quotations were mostly moderate, however, and quotations on oil were maintained at former levels by crushers, the range being 7.9c. to 8.1c. per pound in tankcars, according to seller.

Receipts of flaxseed in the Northwest were light and offerings were readily absorbed by crushers and cash houses at substantial premiums over futures. The market for flaxseed futures was more active, with an increase noted in selling of a hedging character. Reports concerning the condition of the soil in the Northwest were generally favorable, further beneficial precipitation being received during the week.

MINNEAPOLIS, Feb. 10.—Some linseed oil buyers who neglected to contract for Spring requirements are now making inquiry in quite free volume and some round lots have been sold recently for shipment up to the end of June. So far there has been no report of business beyond that month. Most of the inquiry is for small lots. With spring close ahead smaller buyers are beginning to show more interest in linseed oil and paint mixers also are inquiring for prices. Linoleum manufacturers are pretty well fixed for the moment.

Shipping instructions are better but not as good as they should be. Mills still are operating at about 30 percent of capacity and stocks of oil on hand are holding fairly even.

Quotations on carload lots f.o.b. Minneapolis, tankcar lots 8.3c. per pound, cooperage car lots 8.9c. per pound, warehouse lots 9.3c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week.....	1,080,000	1,415,672
Since Sept. 1.....	28,808,953	25,738,470

SAN FRANCISCO, Feb. 7.—Linseed oil quiet though deliveries have been good. Quoted:—Tankcars, 8.3c. per pound; drum lots ex mill, 8.8c.; drum lots ex warehouse, 9.3c.

CHICAGO, Feb. 10.—Volume of business in linseed oil, mostly in limited amounts, is holding up fairly well. Ruling prices:—Tankcar, 8.3c. per pound; car lots, 8.9c.; less than car lots, 9.3c.

LONDON, Feb. 10.—Quotations on linseed oil were:—

	Per cwt.	
	s.	d.
Saturday	23	6
Monday	23	6
Tuesday	23	6
Wednesday	23	6
Thursday	23	10½
Friday	23	10½

Cake and Meal.—A fairly steady tone prevailed in the local market. Domestic trade in meal remained quiet. There was a somewhat better export inquiry for cake.

MINNEAPOLIS, Feb. 10.—Demand for linseed meal is lagging and the undertone of the market is soft. Competition of soybean and cottonseed meal is becoming more pronounced and weakness in grains has a tendency to keep the buyers in a conservative mood regarding even the near future.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $39 to $39.50 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week.....	1,160,000	1,752,040
Since Sept. 1.....	48,362,225	92,410,929

CHICAGO, Feb. 10.—Linseed meal takings are fair. Ruling prices are:—Round lots, $40 per ton, mostly nominal; car lots, $40 to $41; less than car lots, $42.50 to $43.

Cottonseed Oil

Refined cottonseed oil futures had a downward trend here. Cottonseed products were also easier in Southern markets.

Cottonseed Oil. — Refined cottonseed oil futures continued to weaken in the local market under a renewal of bearish pressure and long liquidation, the selling carrying July down to 6.57c., and September, 6.66c., new low levels for the season thus far. At these prices recent short sellers covered, and their purchases, together with more or less support from traders who believed that the decline had run its course, for the time being at least, and that in any case the market was entitled to a temporary recovery after the recent heavy liquidation and sharp decline in prices, caused a moderate upturn.

The buying, however, was not of an aggressive character, although some

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INDEPENDENT MFG. CO.
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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

members of the trade who were recently bearish were disposed late in the week to adopt a more friendly attitude towards the market, believing that current prices discount much if not all that is bearish in the situation as it exists at the present time. It was contended, too, that the technical position has been greatly improved by the recent heavy liquidation.

However that may be, there was sufficient selling on upturns to hold rallies in check. Lard declined to new low prices for the season despite reports that provision interests in the West in some cases were more friendly to the long side. Lard compound was reduced and various vegetable products, including coconut and corn oils, were easier. Sales of tallow were reported at a decline. Southern markets for crude oil were easier, although offerings continued light.

The export movement of lard held up rather well. From November 1 last to February 4, this year, exports of lard from Atlantic and Gulf ports for all destinations have amounted to 52,112,607 pounds. This shows a decrease of 1,272,152 pounds as compared with the same time last season, but the decrease compares with a much larger deficit earlier in the year, apparently indicating that at current low prices for lard foreign interest in the market here is on the increase. The movement of hogs to Western markets was smaller than recently, the arrivals at the principal centers for four days of the week being 214,300 head. The weight of the hogs received in Chicago during the week ended February 4 averaged 253 pounds against 247 pounds in the previous week.

The monthly cottonseed report from the Census Bureau is expected early this week. There was an impression among some that the consumption figures for January may show a moderate increase as compared with the previous month, when 210,000 barrels were consumed. In January, last year, the consumption was nearly 370,000 barrels. Bullish reports were again received concerning whale oil production for the current season. According to a radiogram received last week from Oslo, 12 whaling expeditions reported a production for the season to January 30 of 253,000 barrels, showing a decrease of 31.6 percent as compared with last season for the same expeditions. A recent London report put the estimated production of whale oil for all nations for the season at about 1,000,000 barrels less than last season. Advices from the South concerning preparations for the new cotton crop were unfavorable, work being backward owing to adverse weather.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from February 4 to February 10, inclusive, comprised 1,871 contracts, a total of 112,260,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	6.68	6.30	6.41@6.43
May	6.82	6.46	6.58 sale
July	6.90	6.55	6.67 sale
September	6.96	6.62	6.76 sale

Crude, Southeast, .05¼c. Nom.

Chicago, Feb. 10.—Pressure toward lower levels has been noted in the cottonseed oil market here recently, and ruling prices are fractionally lower. Buyers are holding back, while it appears there is plenty of material available on the market for their needs. Tone remains listless. Good off-Summer yellow fig oil is 6⅞c. per pound. Refined edible oil is 9c. to 9¼c., barrels, car lots, and 9½c. to 10c., barrels, less than car lots.

Hull, Feb. 10.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	20	0	17	0
Monday	20	0	17	0
Tuesday	20	0	17	0
Wednesday	20	0	17	6
Thursday	20	0	17	6
Friday	20	0	17	6

Cake and Meal.—The tone of Southern markets in some instances was easier, although price movements were generally moderate. There were reports of a fair inquiry for meal. Offerings continued light.

Markets at Other Centers

Atlanta, Feb. 7.—Prime crude oil continues heavily beset by competing materials and is now quoted in the Southeast as low as 5⅜c. per pound, which is nearing the low of 1934. Cottonseed meal in the Southeast is facing some competition in peanut meal, which has appeared in greater quantity than usual in the peanut area of the lower South. Peanut meal of 8¾ percent grade is being sold in the Southeast at $21 per ton, mill points. Cottonseed meal of 8 percent ammonia content is being offered by mills at $23 to $23.50 in the Southeast.

Memphis, Feb. 10.—Crude cottonseed oil was extremely quiet during the past week. The last business reported was at 5¼c. per pound. Meal quiet and easier at $21.50 per ton for prime 41 percent, Memphis basis. Bulk slab cake, $19 per ton. Hulls, $4.25 per ton at mill points.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	February 2.	February 9.
March	$21.50@21.65	$20.40@—
May	21.55@—	20.30@20.55
July	21.90@22.15	21.00@—
September	—@—	21.25@—

Fatty Acids

Capric Acid.—Quiet conditions prevailed so far as new business was concerned but the movement to local and other consumers recently has been sufficient to impart a steady tone to give the market a steady tone.

Caproic Acid.—Selling schedules were unchanged and the tone appeared to be firm. No broadening of inquiry was noted, interest on the part of consumers being limited to moderate lots.

Castor Oil.—There was a fair movement of moderate quantities to makers of cosmetics and shampoos. The market retained a steady tone, quotations generally being held at former levels.

Cottonseed Oil.—Recent developments in basic material made consumers of this fatty acid disinclined to purchase in advance of current needs. The tone of the market, however, appeared to be steady.

Lauric Acid.—The market continued to present a steady appearance but aside from this the situation lacked features of interest, business being quiet.

Stearic Acid.—Trade was along conservative lines, with the tone of the market steady. Importations during December were 99,285 pounds. Production in this country during the final quarter of 1938 was 8,207,280 pounds; consumption, 3,458,786 pounds; factory and warehouse stocks at close of December, 3,590,415 pounds.

Markets at Other Centers

Chicago, Feb. 10.—The fatty acids market is reflecting the easing that recently has taken place in some of the basic product markets by showing some little signs of softening. Orders are along strictly conservative lines.

FATTY ACIDS.—Corn oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., barrels, car lots; 9½c. to 9¾c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c.; barrels, car lots, 8¾c. to 9c., barrels, less than car lots; settled cottonseed soapstock, 60-62 percent basis, 3c. to 3⅛c.; boiled down cottonseed soapstock, 65 percent basis, 4c. to 4⅛c.; cottonseed foots, 50 percent basis, 1⅜c. to 1½c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Cod.—The market for Norwegian cod oil was steady at the recent advance. Importations during December were 195,915 gallons, of which 58,433 gallons were from Norway, 91,547 gallons from Newfoundland and Labrador, and 45,935 gallons from Canada. Total importations of cod oil during December quarter were 5,099,273 pounds.

Menhaden.—The local market for refined oil was easier, quotations being reduced two-tenths of a cent. There was apparently no broadening of business. A fair inquiry was noted, but as a rule purchases were limited to comparatively small quantities for prompt shipment.

Sardine. — Selling schedules were lowered two points, the easier situation being a reflection of recent developments in crude on the Pacific Coast. Business here was apparently limited to unimportant quantities.

Whale.—A steady tone prevailed in the local market for refined oil, quotations being maintained at former levels. There was a fair movement. Further bullish reports were received from abroad concerning whaling operations for the season thus far. A radiogram from Oslo received during the week stated:—"Whaling association received report from twelve expeditions showing crude oil production up to January 30 was 253,000 barrels less than same date last year for the same expeditions, or equal to 31.6 percent." Correspondence from London stated that the present whaling season is proving very disappointing, especially for German and Japanese interests, the Japanese results having been so unsatisfactory that attempts have been made to cancel charters for vessels to convey the oil from floating factories to consuming centers.

Markets at Other Centers

Baltimore, Feb. 8.—While the fish factories on the North Carolina coast continue operations, the hauls of menhaden yield very little oil, so that there is no opportunity to make additions of consequence to this commodity. On the other hand, only a few tanks of oil could be obtained by anyone bidding for them, and this supply is held at 28c. per gallon at factory, which would make the price about 30c. per gallon f.o.b. Baltimore. Potential buyers, however, seem to be scarce and cannot be induced to pay the figure asked, so that trading has been at a complete standstill for weeks. The figures on refined oil still range around 53c. to 55c. per gallon for light pressed, 55c. to 57c. per gallon for light bleached, and 57c. to 59c. for yellow bleached stocks.

San Francisco, Feb. 7.—With the season all but over in the Monterey district, the San Francisco Bay area closed, and with but a few short weeks yet remaining in the San Pedro district, fish oil marketing operations last week were confined to very narrow channels. The market in northern California strengthened slightly last week, when buyers paid the asking price of 29 cents per gallon for several tankcars, after trying unsuccessfully to bid in at a less figure, it was reliably reported. Meantime, producers have but very little oil to sell. A full moon has held up fishing for approximately a week, but there was some talk of the boats at Monterey and San Pedro going out again tonight. It will be the last week for Monterey operations, as the season closes there on February 15. San Francisco Bay area plants had the privilege of running to this date also, but poor, lean fish, coupled with a strong opposition registered by conservation interests halted the work about 10 days ago. There was some talk of several boats running out of this port later this week to get fish for canning, but there is nothing definite on this score. Such a move would make for additional oil processed from the sardine offal. The Southern California season closes at the end of March.

According to information released by the California Sardine Products Institute today, the fish caught and turned into shore plants in California for the season to February 3 amounted to 479,959 tons, against 315,248 tons a year ago during the same period.

Fats and Greases

Grease.—The market was easier, quotations being shaded ¼c. A fair inquiry was noted. Production during the final quarter of 1938 was 85,671,352 pounds; consumption, 43,134,956 pounds; factory and warehouse stocks at close of December, 58,236,391 pounds.

Lard.—Domestic trade in cash product continued along conservative lines. There was a fair export movement. Changes in quotations were generally moderate, the trend being downward at times in company with futures. Production during the final quarter of 1938 was officially stated at 347,735,823 pounds; exports, 56,278,467 pounds; factory and warehouse stocks at close of December, 108,862,947 pounds.

Stearin.—The market for oleo stearin was easier, quotations being shaded ¼c. Production of animal stearin during the December final quarter of 1938 was 15,169,257 pounds; consumption, 13,590,223 pounds; factory and warehouse stocks at close of December, 7,051,894 pounds.

Tallow.—Quiet conditions prevailed early in the week, offerings being light, but later in the period sales were reported at 5⅛c. per pound for extra, showing a decline of ¼c. Outside markets were also reported as quiet and easy. Production of inedible tallow during the final quarter of 1938 was 130,982,377 pounds; consumption, 200,570,890 pounds; factory and warehouse stocks at close of December, 194,806,117 pounds.

Trading in tallow futures on the New York Produce Exchange from February 4 to February 10, inclusive, comprised 3 contracts, a total of 180,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	5.40	5.40	5.20@5.35
July	5.50	5.50	5.20@5.40

Markets at Other Centers

Chicago, Feb. 10.—The cash lard market has been drifting quietly lower, in company with some of the markets to which it is related. Purchases are by no means large, with most buyers apparently overcautious.

The range of lard quotations from the opening Saturday, February 4, to the close Friday, February 10, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.55	$6.55	$6.30	$6.25	$6.55
May	6.75	6.75	6.37	6.40	6.75
July	6.90	6.92	6.52	6.55	6.92

TALLOWS (tierces).—Edible, 5½c. to 5⅝c. per pound; prime, 5¼c. to 5½c.; fancy, 5⅜c. to 5½c.; special, 5⅛c. to 5¼c.; No. 1, 5c. to 5¼c.

GREASES (tierces). — Choice white, 5¼c. to 5½c. per pound; A white, 5c. to 5¼c.; B white, 4⅞c. to 5⅛c.; yellow, 10-16, 4¾c. to 4⅞c.; yellow, 16-20, 4½c. to 4¾c.; brown, 4¼c. to 4⅜c.

STEARINS (barrels).—Prime oleo, 6¼c. to 6½c. per pound; lard, packages, 7c. to 7¼c.; A white grease, 5⅜c. to 5½c.; yellow, 5c. to 5⅛c.; extra oleo stocks, 7¾c. to 8¼c.; No. 2 stocks, 7¼c. to 7¾c.

Liverpool, Feb. 10.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	May. s.	d.	July. s.	d.	Sept. s.	d.
Saturday	39	0	38	0	38	6	39	6
Monday	38	6	38	0	38	9	39	6
Tuesday	38	0	37	6	38	6	...	...
Wednesday	37	3	37	3	...	...	...	...
Thursday	37	6	37	6	38	6	...	...
Friday	37	6	37	3	37	6	...	...

Liverpool, Feb. 10.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	17	0	17	0
Monday	17	0	17	0
Tuesday	17	0	17	0
Wednesday	17	0	17	0
Thursday	17	0	17	0
Friday	17	0	17	0

Animal Oils

Degras.—A steady tone continued to prevail. There were reports of a fair movement into consuming channels. According to official statistics, production during the final quarter of 1938 was 1,582,044 pounds; consumption, 1,344,971 pounds; factory and warehouse stocks at close of December, 3,039,577 pounds.

Lard.—Quotations were stationary. A fair inquiry was received for moderate quantities. Production during the December quarter was 5,814,151 pounds; consumption, 2,643,464 pounds; factory and warehouse stocks, 8,264,074 pounds.

Neatsfoot.—Trade was routine, with prices steady. Production during the December quarter, 1,110,114 pounds; consumption, 1,244,201 pounds; factory and warehouse stocks, 1,255,593 pounds.

Oleo.—Prices were reduced ¼c. per pound. Business was reported as fair. Production during final quarter of 1938 was 20,560,825 pounds; consumption, 3,329,111 pounds; factory and warehouse stocks, 5,954,054 pounds.

Markets at Other Centers

Chicago, Feb. 10.—Trade in animal oils has been restricted here recently, apparently in the main because of buyers' lack of confidence in the present price structure.

LARD.—No. 1, 8¼c. to 8½c. per pound.

OLEO.—No. 2, 7½c. to 7¾c. per pound.

TALLOW.—Acidless, 7¼c. to 7½c. per pound, tanks, and 8c. to 8¼c., barrels.

Waxes

Bees.—Brazilian was lower at a minimum of 21c. per pound for crude yellow. African wax lacked further change but the market was fairly easy. Refined yellow was quiet at moderately steady prices, and white bleached was about steady. Demand was fair.

Candelilla.—Steady prices in a market lacking in substantial activity were reported on the spot and undertones were such as to indicate full maintenance of the controlled prices in Mexico.

Carnauba.—Importers reported booking a very good business in wax for forward delivery. So far as could be learned, full prices were paid and the Brazilian market continued to display substantial strength. Local quotations were steadier, being better maintained than they had been. However, competition was still reported.

Japan.—The advance was consolidated into a very firm position. Japan offered very little if any wax for shipment and government control of the raw material appeared to be working against a resumption of normal traffic with this country. Japan wax imports in 1938 totaled 9,647 cases, comparing with 18,558 cases in 1937.

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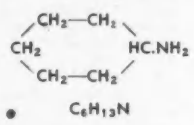
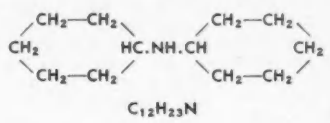
FORMULA	 $C_6H_{13}N$	 $C_{12}H_{23}N$
MOLECULAR WEIGHT	99.11	181.19
PROPERTIES:		
Appearance	Clear, colorless liquid	Clear, practically colorless, liquid
Specific Gravity	0.865 Approx. @ 25°/25°C	0.911 ± 0.001 @ 25°/25°C
Pounds per Gallon	7.206	7.592
Assay	98.0% Min.	98.0% Min.
Distilling Range	95.0% within 4°C	95.0% within 4°C
Distilling Limits	132.0°C — 137.5°C	252.0°C — 258.0°C
Solubility	Completely miscible with water and all common organic solvents including alcohols, ethers, ketones, esters, aliphatic and aromatic hydrocarbons, and chlorinated aliphatic and aromatic hydrocarbons	Only slightly soluble in water, but soluble in all common organic solvents. Miscible with Cyclohexylamine
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Drugs, Fine Chemicals

Seasonal Items in High Demand as Severe Weather Increases Winter Ailments—Narcotic Need Especially Large—Quicksilver Up Here and Abroad—Ascorbic Acid Off

Price developments in the market for drugs and fine chemicals were featured by a further and definitely sharp rise in the quotations on quicksilver. To a late hour in the week the schedule on mercurials had not been changed, but the group was exceptionally firm. Ascorbic acid was also reduced, and diglycol laurate, oleate and stearate moved in favor of buyers.

Higher prices on quicksilver had been forecast not only by the strength apparent when values were raised in the recent past, but also because of the fact that the shrunken production of domestic metal has been sold well ahead at the mines. Stocks unsold on this market were light and in strong hands. The strength in mercurials reflected that prevailing on the raw material.

Demand for seasonal items was exceptionally brisk. Climatic conditions have brought a sharp rise in the number of common colds, have spread the grippe widely throughout the country and caused an increase of similar ailments commonly a part of a severe winter. The call for drugs and fine chemicals closely identified with the treatment of these diseases was active, especially in the case of narcotics. Fortunately, stocks of most of the needed materials were ample and the requirements of buyers were met fully and promptly.

Acetanilide.—Conditions favorable for an excellent consumption of this material have prevailed for the past six weeks or two months, and wholesalers and manufacturers have sold sufficiently large quantities to make replacement buying from the producers necessary. The market was more active and very steady.

Acetophenetidin.—Manufacturers and wholesalers have increased their commitments as the result of the very excellent consumption that favorable climatic conditions have brought about. Undertones were firm.

Acid, Acetylsalicylic.—New orders were very good in the main, the increase in business being caused in part by seasonal conditions. The undertone of the market was very steady and prices were well held.

Acid, Ascorbic.—Sellers of this material reduced quotations 25c. per ounce, making a new market at $2.75 to $3 per ounce, according to quantity.

Acid, Citric.—Signs of reviving demand were noted on spot, but they were still rather faint. However, suppliers of this acid to the beverage trade will shortly begin to cover their requirements, and this year the lowest price ever to prevail will make the item especially attractive.

Acid, Tartaric.—Business continued to be rather quiet on the whole, but there was still a fairly good call, and the market reflected considerable strength. The position of raw material was a contributing influence to the general situation.

Alcohol.—Industrial alcohol moved in fair volume at very steady prices. So far as producers were concerned, it seemed likely that the bulk of their sales of the antifreeze formula has been made for this year and hence attention of the manufacturers was becoming increasingly centered on the movement of alcohol for industrial purposes. Prices were considered to be exceptionally attractive at current levels. Makers of tetrahydrofurfuryl alcohol put a lower schedule of prices into effect; contracts were established at 44c. per pound, f.o.b. Waverly, N. Y.; single drums, 50c.; small lots in cans, 55c. f.o.b. Cedar Rapids, Iowa.

Amidopyrine.—Demand was not very brisk but the producers looked forward to an increase in business when buyers begin to buy stocks needed to return reserves to normal size.

Ammonia Bromide.—Seasonal consumption has gained under the highly favorable climatic conditions prevailing for some time past. Values were fully steady.

Ammonia Chloride.—Weather conditions have encouraged a good sized consumption of this material and replacement buying by distributors has gained. Values were firm.

Antipyrine.—Many distributors still had fair sized reserves notwithstanding the presence of conditions productive of a seasonal expansion of consumption. The market was fully steady in all respects.

Bismuth Metal and Salts.—Trade was reported routine in character and the group as a whole was in quiet position throughout the past week. Prices lacked quotable change.

Caffeine.—Citrated material has been moving very well under seasonal influences and volume throughout the past week was good most of the time. Demand for alkaloid was quiet most of the time but an expansion in sales was expected to come shortly.

Camphor Monobromated.—The best season of the year was in full swing and trade was reported fully up to normal last week. Prices continued to display stability in all respects.

Castor Oil.—Conditions appeared to be set for a wider sale of this material. Recovery of activity in consuming industries was fully expected to feature the Spring months and the general outlook was considered to be favorable. Prices were stable.

CHICAGO, Feb. 9.—Business in the castor oil market is comparatively good at this time. Inquiry has tended to develop the feeling that considerable business may develop. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; brarels, less than car lots, 10⅞c.; returnable drums, 9⅞c.; drums, less than car lots, 10⅜c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅜c.; barrels, less than car lots, 10⅜c.; returnable drums, car lots, 9⅜c.; drums, less than car lots, 10⅛c.; tanks, 8⅞c.

Codeine.—Phosphate and sulphate moved in very large volume. The items were in seasonal request but they were also in excellent supply as well as being in firm price position.

Codliver Oil.—Stocks in first hands were plentiful; importations during the past two months provided ample reserves. Weather conditions have been exceptionally favorable for a good consumption this year, but substantial reserves have kept values well stabilized. Importations in December, broken down by countries of origin, were as follows:

	Gallons
Iceland	96,310
Norway	117,521
United Kingdom	56,550
Canada	32,656
Newfoundland and Labrador	35,453
Japan	16,225
Total	354,715

Corn Syrup.—Quotations were reduced 10c. per 100 pounds, establishing 42-degree syrup at $3.02 per 100 pounds, and the 43-degree at $3.07.

Diglycols.—Laurate was 7c. lower at 16c. to 17c. per pound for car lots; oleate was also down 7c. to 13c. per pound, same basis; and stearate was reduced 4c. to 24c. per pound for car lot quantities.

Ephedrine.—Were it not for the fact that most manufacturing consumers held ample quantities of this material at the beginning of the most active season for their products, activity at this time might be greater. However, trade appeared to be fairly routine last week and the market was lacking in new feature.

Glycerin.—In some respects, the mar-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Quicksilver, domestic, $3 per flask, imported, $6 per flask.

Reduced

Ascorbic acid, 25c. per oz.
Corn syrup, 10c. per 100 lbs.
Diglycol laurate, 7c. per lb.
oleate, 7c. per lb.
stearate, 4c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.8	182.7	182.6	180.9

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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ket for this item marked time last week. Buyers' needs were conservative in size and lacking in signs pointing to an early increase of their interest. Crude continued to move to refiners in quantities sufficient to prevent undue accumulation of stocks. Also, domestic crude was a more favorable buy than foreign material. Finally, refiners moved production steadily on a firm price basis that was well maintained pending future developments. Stabilization of values appeared to have been achieved to a substantial degree.

CHICAGO, Feb. 9.—Movement of c.p. and other grades of glycerin is quite good. Inquiry has held up well and the volume of orders indicates that the trade considers that a fair degree of stability exists. Ruling prices are: — Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Guaiacol.—Sales made early in the year stocked consumers well with reserves to meet request during the active months ahead. However, conditions were exceptionally favorable for expanding consumption last week and movement from sellers' stocks was reported very good.

Menthol.—Despite climatic conditions that were highly favorable for the consumption of manufactured products utilizing this material, sales made by dealers continued to be moderate. Apparently, reserve stocks of the leading manufacturing consumers have been sufficient to meet all of their requirements.

Quinine.—This article was in active call but shipments on replacement orders were prompt and all requirements were fully covered. The market was firm in all respects. Outlook for Spring demand was good because of the fact that Winter consumption has been such as to make probable a deal of restocking by buyers.

Quicksilver.—Spot prices were advanced. Domestic metal was raised to the basis of $83 to $85 per flask. Imported goods were higher at $72 per flask in bond, equal to $91.50 per flask duty paid. Warnings of probable advances had issued from leading sellers in recent weeks and following the rise reported, the outlook still favored a further upward movement of values.

SAN FRANCISCO, Feb. 7.—Quicksilver has reached a very strong position, with sellers in full control of the market. Spot and early shipment metal is very scarce here and sellers have been forced to turn down business. The recently established higher prices for metal have been maintained. Last week moderate bookings for future delivery took place here at $82 per flask, delivered New York.

Santonin. — Prices were low and steady, while demand remained quiescent. However, with Spring directly ahead, demand for vermifuge preparations was expected to expand and increased need for santonin by the makers of such remedies was a reasonable expectation, according to the trade.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	20⅛
Monday	31½	42¾	20⅛
Tuesday	31½	42¾	20⅛
Wednesday	31½	42¾	20⅛
Thursday	31½	42¾	20⅛
Friday	31½	42¾	20

Mallinckrodt Holds Lead In N.Y. Bowling League

Mallinckrodt Chemical Works bowling team continued to lead the New York Wholesale Drug Bowling League last week. The teams of E. R. Squibb & Sons and Chas. Pfizer & Co. were close behind in second and third position, respectively. The teams will not compete next week because of the intervening holiday. The standing follows:—

	Won.	Lost.	Av'age.
Mallinckrodt Chemical	25	14	1641
E. R. Squibb & Sons	25	17	1595
Chas. Pfizer	23	16	1590
Carbide & Carbon Chem.	24	18	1571
Church & Dwight Co.	22	17	1564
Chas. L. Huisking	20	19	1513
Fritzsche Bros. Co.	19	23	1452
R.&H. Chem. of Du Pont.	18	24	1420
American Spice Trade	14	28	1333
Lanman-Kemp-Barclay	14	28	1333

Swain Named Topics Editor

Dr. Robert L. Swain, Baltimore, has been named editor of *Drug Topics* and *Drug Trade News*, to succeed the late Jerry McQuade. Dr. Swain has been pharmacy editor of *Drug Topics* since 1934. He has been Deputy Food and Drug Commissioner for the Maryland State Department of health, and is a former president of the American Pharmaceutical Association and was chairman from 1935 to 1937 of the N.A.R.D. committee on fair trade activities.

Norwich Pharmacal Company, Norwich, N. Y., stockholders have approved a proposal to change the 400,000 outstanding shares of capital stock at $5 par value, into 800,000 shares of capital stock of a par value of $2.50 each.

F.W.D.A. Recommends Uniformity in State Laws

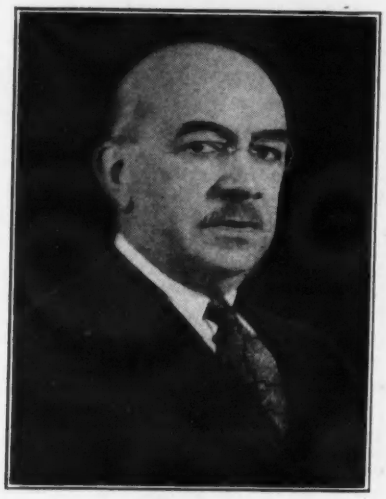
—Continued from page 5

cently enacted North Dakota law also contains label regulation provisions.

Old Label Clearance Urged

R. D. Keim, of E. R. Squibb & Sons, Brooklyn, supported the contentions of Mr. Means. Mr. Keim added that manufacturers should advise wholesalers to move products not in conformity with the new label requirements before June 25 to avoid the unnecessary return of goods to the manufacturer for relabeling. R. E. Lee Williamson, secretary of the association at this point informed the manufacturers present that a letter advising members to this effect had already been distributed.

Mr. Williamson also stated that the obligation of the wholesaler is not as deep-seated under the labeling provisions as that of the manufacturer. The exception to this condition, he said, is in the case of items marketed under the wholesaler's name. In such cases, Mr. Williamson said, the wholesaler assumes responsibility for their compliance with the act. Mr. Williamson also



R. E. Lee Williamson
Secretary

asked whether manufacturers, under the new law, would continue to guarantee the compliance of products, and to what degree the wholesaler would be so protected.

Mr. Means, in answering Mr. Williamson, opined that every manufacturer should include on every invoice a guarantee that the goods conform to the requirements of the Federal act. Mr. Means then pointed out that the drug industry, since it has been operating under Federal regulation since 1906, would easily accommodate itself to the new law. He sympathized, however, with the toilet goods and cosmetic makers who previously have not been included in the regulations. The latter must in some cases revise their entire system, he added. Since this was so,

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he believed that government officials would temper their enforcement of the law during its early period.

Fair Trade Laws Discussed

Following the discussion of the food, drugs, and cosmetic act, the meeting turned its attention to the subject of fair trade. R. D. Keim, in opening this subject, declared that he saw no immediate danger of the repeal of the Miller-Tydings law. Several of the State laws, however, were in danger of being repealed, he said. It was a mistake on the part of the manufacturer and wholesaler to "sit tight and be apathetic" at this stage of fair trade, he warned. It is imperative that the facts of fair trade be disseminated as widely as possible in order to offset the poisonous propaganda presently being released by those opposing fair trade.

Mr. Keim said that in his opinion the reasonable return guaranteed the retailer under fair trade was no less humanitarian or equitable than the regulation of a fair wage standard, the setting of uniform freight rates for carriers, or the regulation of prices paid the farmer for his produce. He urged that the wholesaler and manufacturer back up the local organizations in those States in which fair trade laws are now on the legislative calendars.

Mr. Keim was particularly emphatic in his advice to manufacturers located in States in which a fair trade controversy exists and where newspapers are editorially opposed to the law. He advised that in such cases the manufacturer confer with the editor and point out the advantages accruing from such legislation and the favorable results which have been obtained in areas in which fair trade is now established. Texas and Missouri were mentioned as specific instances where such action would be highly desirable at this time.

Mr. Means concurred with Mr. Keim on the beneficial effects of fair trade. In addition, he said he was unable to see why the newspapers and advertising agencies were often opposing fair trade programs. These groups feared decreases in advertising under the fair trade, he stated, but the contrary to this has been borne out in practice. An increase in advertising has resulted since fair trade removes the element of price in sales, therefore making it more necessary to advertise to sell goods on their other merits. He also thought that the retail druggist would hamper the success of fair trade, should he insist on an unreasonable percentage of profit.

Gives' Retailers Viewpoint

Milton S. Malakoff, former executive chairman of the fair trade committee of the New York Pharmaceutical Association also spoke briefly on fair trade. As regards securing the support of consumers in this regard, he described the formation of the Retailer-Consumer Fair Trade League last year. In this campaign retail druggists explained the meaning of fair trade to consumers and then enrolled them in the league. In sixty days, he reported, the league boasted a membership of 10,000. Using a similar program nationally he opined that an association of astounding proportions could be built up, forming a bulwark against the possible repeal of any state act.

Mr. Malakoff then described the International Drug Club, organized in the Hall of Pharmacy at the New York World Fair. This exhibit offers an excellent opportunity for the pharmaceutical industry to educate the public concerning fair trade, he pointed out. The purpose of the drug club, he said, was to publicize the pharmacy exhibit, bringing to the hall as many as possible of the sixty million who will attend the fair.

The club in this task should have the cooperation of the manufacturing industry, by their application for membership in the club, and by advising their salesmen to carry the message of the club to the retail druggist and encourage his joining, he stated. He quoted the reasonable membership fees which have been established.

Upon reassembling after luncheon, the sessions were devoted to a discussion of the practice of retailers grouping together and so jobbing and wholesaling drug products. R. E. Lee Williamson, presenting the wholesalers viewpoint, said that one of the conditions aggravating this situation was the numerous "deals" offered by manufacturers. Here several small retailers band together to take advantage of the deal, thus working a hardship on the wholesaler.

The manner in which one large manufacturer had overcome this condition was then described by Walter Quinlan, of the International Cellucotton Products Company. This concern has eliminated subjobbing, he said, by cutting down the spread between the prices paid by its wholesaler and retailer clients; giving a small discount to retailers promising not to subjob, and paying a functional discount to wholesalers. Large retailers, who seek the equivalent of the functional discount, are refused such preference, he said.

Mutual Drug Co. Discussed

An interesting feature of the afternoon session was a complete review of the recently publicized difficulties of the Mutual Drug Company, of Cleveland, Ohio, by a representative of the company. The trouble had its origin, he said, about a year ago, when one of the trusted employees of the company assumed the role of confidential adviser to the president. This adviser advanced several plans of questionable value for incorporation in the company program, but was turned down on each. Finally he evolved a debenture plan which it seemed would benefit the company. However, this plan was also subsequently discarded, when, after a

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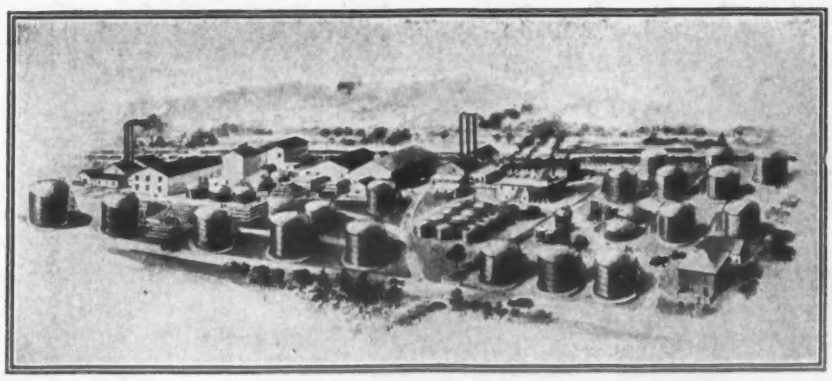

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complete audit of the organization, bankers demanded conditions considered far too stringent for underwriting the debenture issue.

Internal action was then started to foster the election of a president more favorable to the debenture plan than the incumbent, F. T. Roosa. Through inducement, several of the directors unwittingly aided in voting Mr. Roosa out as president, and also agreed to a writing down of stock value. A stockholders meeting was necessary to approve this action, and it was at this meeting that Mr. Roosa explained the entire situation. As a result the directors reversed themselves and Mr. Roosa was upheld by the stockholders by a vote of 240,000 to 11,000. Following this the disgruntled employee induced a small shareholder to petition for receivership of the company, and asked investigation by the Securities Exchange Commission.

Both of the latter actions, the representative felt sure, would peter out. No stocks have been issued by the company in recent years, eliminating Securities and Exchange Commission action; and the receivership will not be granted, as the assets of the company treble its liabilities. The company is in a strong position, he said, and has no indebtedness. A broad financial statement, presenting a complete picture of the company's condition will be available within the next few days, he reported. He also stated that the "confidential adviser" was no longer connected with the company in any way.

The closing discussion at the sessions concerned the manner in which the wholesaler was aiding the retailer in the promotion of sales. In this respect A. Z. Krupp described a department functioning in the Philadelphia Wholesale Drug Company which had grown from a one man bureau to a division employing a number of window-dressers and planners. Mr. Krupp asked that manufacturers study means of simplifying the buying procedures of the retail druggist, so that he may devote more time to selling. He contended that the establishment of a more uniform system of quantity bases in the purchase of goods would also eliminate much of the subjobbing now experienced.

George A. Raab, of the Providence Wholesale Drug Company, outlined the program in which the druggist in his area receives weekly bulletins on store management, semi-monthly window changes, and weekly supplies of sales circulars. An important part of the program was a monthly meeting of retailers sponsored by his company. These meetings, at which a fifteen minute sales moving picture is presented have resulted in attendance of fifty percent of the company's customers, he stated.

Banquet Party in Honor of Percy C. Magnus: Waldorf-Astoria, New York, January 26, 1939

Botanical Drugs, Spices, and Gums

Rhubarb Strength Unabated—Local Competition in Senega Brings Drop in Price—Ephedra Easier Under Influence Of Ample Stocks—Peppermint Leaves Firm

Climatic conditions during the past month or so have been exceptionally favorable for an increasing consumption of proprietary medicines manufactured in whole or in part from botanical drugs as basic raw materials. Consumption has run to substantial totals but as yet the reduction in raw material stocks has not been sufficient to bring the manufacturers into the market for more than moderately sized additional supplies. Trade during the past week was limited to conservative volume in practically all directions.

The trade seemed to look forward with a fair degree of confidence. Precisely because consumption in manufacturing plants has been very good, dealers expect that manufacturers will be compelled to come into the market for a substantial tonnage between now and the late Spring season when demand normally drops considerably. Much will depend on the extent to which stocks in wholesale and retail outlets for manufactured goods have been reduced but the general feeling was that a revival of activity is a reasonable expectation to be realized during the weeks immediately ahead.

In the main, prices held steady last week but the element of competition was constantly present and conditions were generally favorable for buyers with firm business to place.

Entries of botanicals of the port of New York since the week of January 1, 1939, the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	235
Belladonna	...	...
Caraway	...	2,900
Cardamm (cases)	...	230
Celery	...	...
Coriander	...	1,051
Cumin	100	464
Digitalis leaves (cases)	...	...
Dill	...	212
Fennel	300	450
Henbane leaves (bales)	...	...
Mustard	...	3,027
Poppy	...	8,106
Sage leaves (bales)	...	883
Sesame	213	2,653
Stramonium (bales)	87	87
Thyme (bales)	...	88

Price Changes

Prices were changed during the past week as follows:—

Advanced

Celery seed, French, ½c. per lb.
Indian, ¼c. per lb.
Cumin seed, Algerian, ¼c. per lb.
Cassia, Batavia No. 1, ½c. per lb.
shortstick, ¼c. per lb.
broken, 1c. per lb.
Clove, Zanzibar, 1c. per lb.

Reduced

Catnep leaves, ½c. per lb.
Cranesbill root, 1½c. per lb.
Ephedra herb, ½c. per lb.
Fleaseed, ¼c. per lb.
Hellebore root, white, powdered, ½c. per lb.
Mace, Banda, 1c. per lb.
Batavia, 1c. per lb.
Nutmegs, West Indian, ¾c. per lb.
Pimento, ¾c. per lb.
Pepper, black, Lampong, ¼c. per lb.
Tellicherry, ½c. per lb.
white, Java Muntok, ¼c. per lb.
Saigon, ¼c. per lb.
Pinkroot, 1c. per lb.
Pennyroyal leaves, ½c. per lb.
Pulsatilla herb, 1c. per lb.
Savory herb, ¼c. per lb.
Spearmint leaves, ½c. per lb.
Senega root, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
119.2	119.6	118.5	134.7

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Trade was light but fairly steady. Most orders covered prompt needs only. Prices were well maintained in all quarters.

Fir.—Further decline in quotations on Canadian balsam failed to develop. Recent declines in price fairly well discounted the effect of a lower import duty from Canada. A fair sized but entirely jobbing request was noted. Oregon balsam was about steady.

Barks

Black Haw.—The market was fairly steady and reports on spot indicated a probable maintenance of current levels for the immediate future. Stocks were believed to be sufficient to take care of consumption between now and new crop.

Cinchona.—Absence of firm offerings involving normal quantities from the primary market continued to keep this material in exceptionally firm position. The recent advance in prices has been consolidated into a virtually strong situation.

Cramp.—Genuine cramp bark continued to show price stability. Also, the so-called material was firmer than it was in the previous week. Demand was moderate throughout the period.

Elm.—Consumption was said to be fair but many buyers continued to hold sufficient reserve stock to make it unnecessary for them to return to first-hand suppliers in this market for additional supplies.

Wild Cherry.—Consumption of proprietary medicines, manufacture of which requires this material, has been excellent; climatic conditions have been highly favorable. However, leading sellers of the raw material indicated last week that reorders from the leading manufacturers have not developed along substantial lines.

Beans

Calabar.—Further decline failed to develop. Sellers indicated that present spot quotations were in line with replacement costs. Demand was occasional and not steady.

Vanilla.—Strength was evident in all aspects of the market for this material. Stocks were small abroad and strongly held as to seller as well as price. Outlook for the new crop was unfavorable, in that it will not exceed that of last year in all probability. Local supplies were not in excess of probable consuming needs and were also strongly held. Finally, demand was reported to be very good.

Berries

Hawthorn.—The stock was moderate and firmly held. The price was not subject to shading. Demand was light and mainly irregular.

Raspberries. — Although still a trifle soft in undertone, the market lacked further quotable change on spot. Trade was reported to be fair.

Flowers

Arnica.—Undertones were very steady and no further shading of prices was reported last week. Movement made a moderate volume that was sufficient to result in a steady maintenance of values.

Chamomile.—Hungarian flowers moved quietly but steadily at well-maintained prices. Competition was negligible. Roman flowers were in light request, but the cost of replacements appeared to have put a floor under spot quotations.

Lavender.—Call for this article was still very good and was expected to hold up well because importers expect the volume of demand will be larger than normal this year because of the two World Fairs.

Pyrethrum. — Sales of powder and flowers were in very good volume and the general undertone of the market was firm. Buyers for manufacturing purposes—those taking powder as well as concentrates—were preparing stocks to meet the enlarged consumer buying certain to come with the arrival of late Spring. The tendency of prices was upward.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Saffron.—Sales of single-pound lots of Spanish flowers was fair, but trade did not exceed such moderate proportions. Prices were steady to firm. Mexican goods had an irregular call from buyers, but undertones were about steady.

Gums

Arabic.—Undertones were generally steady. While demand was not expansive, it was maintained at approximately the volume recently reported on spot, and trade done was sufficient to give values considerable support. The replacement market was generally quiet.

Guaiac.—Trade was irregular so far as orders were concerned, but the total volume of transactions approached that current in recent weeks. Quotations were on a generally steady basis.

Myrrh. — The supply appeared fully equal to the demand, being in this respect an improvement over the situation prevailing recently on the spot. Quotations were quiet but very steady.

Sandarac.—Buying was on a hand-to-mouth basis throughout the past week, but prices were not affected adversely. They were steady at all times, and the undertone seemed to be firm.

Tragacanth.—Steadier prices were the rule on spot. Values failed to move further in favor of buyers, and in local circles the tendency was to resist attempts to buy on the basis of consumer bids. Business was said to be generally quiet and little more than the recent volume.

Herbs and Leaves

Catnep.—Values were shaded lightly and the market was 10½c. to 11c. per pound late in the past week.

Ephedra.—The undertone was easy and prices were more favorable for buyers out of spot stocks. Quotations were noted at 9½c. to 10c. per pound.

Pennyroyal.—Request was light to irregular throughout the past week and under competition values were reported fractionally lower on the basis of 13½c. to 14c. per pound.

Peppermint. — Foreign leaves were held firmly abroad and shipment offerings were still conservative in volume because, according to reports from abroad, consumption in Germany has risen. Consequently, spot quotations were well maintained.

Pulsatilla.—Under competition, sales of this material were made at a small decline to the basis of 16c. to 17c. per pound. Trade was confined mainly to prompt needs.

Spearmint. — A fractionally lower quotation was reported at 17½c. to 18c. per pound, but in the main the fundamental position of the article seemed to be firm in keeping with the well-maintained cost of replacement.

Miscellaneous

Colocynth Pulp.—Although not especially firm in price, this article failed to decline further and sellers intimated that present values were likely to hold unless a substantial change takes place in the replacement cost.

Ergot.—Undertones were firm and the strength that recently brought about a reversal of the downward trend in spot and primary market prices. The situation abroad continued to suggest that current spot quotations would be at least maintained for some time to come.

Grains of Paradise.—To a substantial extent spot prices were on a nominal basis at 50c. to 55c. per pound. Inability to replace abroad in normal quantities accounted for the local position of the material.

Papain.—Very fair sized trade was reported, but many orders were placed under competitive conditions and hence improvement in values failed to develop during the period under review.

Roots

Cranesbill.—A few transactions were made at 13½c. to 14c. per pound, which price represented a fractional decline as the result of local competition.

Hellebore. — Although the season when consumption increases was not so very far away, the market on white root in powdered form was slightly easier at 11½c. to 12c. per pound. Wider demand in the not far distant future will strengthen prices if the ordinary course of events prevails this year.

Kava Kava.—A limited amount of business was done at 12½c. to 13c. per pound, the quotation resulting from a fractional decline caused by local competition in a market that had been quiet for a considerable length of time.

Pink.—True pink root was slightly unsettled by the presence of local competition. Quotations were shaded to 34c. to 35c. per pound.

Senega.—While most sellers reported

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unchanged prices, they also admitted that one or two lots were being held under spot conditions that were productive of price shading. The market was 65c. to 70c. per pound, according to seller.

Seeds

Celery.—Quotations were advanced fractionally to 14c. to 14½c. per pound for French seed, and to 11¾c. to 12¼c. for the product of India.

Cumin.—Slightly more activity was noted and quotations on Algerian seed were advanced to the basis of 8¼c. to 8⅝c. per pound.

Flea.—French seed was shaded to 11¾c. to 12c. per pound under the influence of competition. The recent trend in prices may change if demand improves. The 1938 crop in France was estimated by French dealers to have been probably not more than 100 metric tons, which compared with 350 tons produced annually in the two preceding years. In 1932, production reached 2,500 metric tons.

Spices

Cassia.—Batavia No. 1 was higher at 17½c. to 17¾c. per pound. Shortstick was up to 13¼c. to 13½c.; broken, 11¼c. to 11½c.; being also higher. The range of Saigon material was wider at 17c. to 19c.

Clove.—Zanzibar spice was higher at 19c. to 19½c. per pound, Madagascar held unchanged.

Mace.—Banda was shaded to 49c. to 50c. per pound and Batavia goods were lower at 33½c. to 33¾c. Siauw material lacked change.

Nutmegs.—West India material was shaded to 9¼c. to 9½c. Other varieties were unchanged.

Paprika.—Portuguese pepper was reported increasingly important in this market and prices were 35c. to 35½c. per pound for extra fancy, and 34c. to 35c. for the fancy. Hungarian was unchanged on spot and not offered from the source. Spanish continued to be nominal.

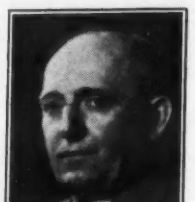
Pepper.—Black Lampong was fractionally lower at 4½c. to 4¾c. per pound. Tellicherry was shaded to 8½c. to 8¾c. White Java Muntok was off a fraction to 7¼c. to 7½c., and the Saigon was also slightly lower at 7c. to 7¼c.

Trading in black pepper futures on the New York Produce Exchange from February 4 to February 10, inclusive, comprised 303 contracts, a total of 10,180,800 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	4.34	4.14	4.11@4.16
March	3.73	3.62	3.67@3.69
May	3.96	3.72	3.77@3.80
June	3.81	3.80	3.80@3.85
July	3.88	3.81	3.87@3.88
September	4.12	3.90	3.96@3.98
October	4.19	4.19	4.00@4.03
December	4.17	4.02	4.06@4.10

Langenhan to Give Full Time To Penick Goldenseal Farm

Dr. Henry A. Langenhan, a pioneer in the cultivation of goldenseal root in the State of Washington, and for some time in charge of the cultivation project in that State of S. B. Penick & Co., botanical drugs, this city, has resigned his position as professor in pharmacy in the University of Washington to devote his entire time to the management of the Penick Skagit Valley Goldenseal Farm.



H. A. Langanhan

Dr. Langenham took his B.A. degree in pharmaceutical chemistry at the University of Illinois and secured his doctor of philosophy degree at the University of Wisconsin. He joined the faculty of the University of Washington in 1922 and became a full professor in 1928.

He is recognized as an authority on hydrastis, or goldenseal root. His membership in scientific organizations is broad, among them being the American Pharmaceutical Association from which he received the Ebert prize in 1932 for his paper on "A Phytochemical Investigation of Hydrastis Canadensis." He is also member of Sigma Xi (honorary science), Phi Sigma (honorary biology), Rho Chi (pharmacy), Alpha Chi Sigma (chemistry) and Kappa Psi (pharmacy). He was chairman of the scientific section of the American Pharmaceutical Association in 1930, vice-president of the American Association of Colleges of Pharmacy in 1931, and is a member of the U.S.P., Revision Committee, and N. F., Revision Committee.

Methanol Output: 1938

Monthly statistics on production of crude and synthetic methanol, representing almost the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of Census, Department of Commerce. The data include production figures for 27 manufacturers for the months of 1938 and for 28 to 29 manufacturers in the months of 1937:—

Production

	Gallons			
	1938.		1937.	
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan.	2,896,895	458,347	1,835,815	523,070
Feb.	2,290,609	404,970	1,849,302	500,685
Mar.	2,343,828	342,800	2,071,747	546,662
April	1,975,999	314,664	2,138,895	531,727
May	1,860,400	330,875	2,353,497	522,961
June	1,629,570	295,091	2,263,507	485,943
July	1,449,607	309,219	2,564,783	465,205
Aug.	1,897,847	277,182	2,735,963	462,584
Sept.	1,929,655	303,225	3,018,333	404,112
Oct.	2,294,532	355,380	3,532,091	423,792
Nov.	2,617,979	344,328	3,562,372	423,315
Dec.	2,844,249	357,249	3,887,741	461,539
Totals.	26,031,169	4,170,096	31,814,046	5,753,595

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	Cords	
	1938.	1937.
January	44,874	53,813
February	39,587	50,410
March	43,281	54,164
April	31,429	52,116
May	32,873	51,118
June	31,056	49,700
July	29,354	47,525
August	27,512	45,699
September	30,137	39,976
October	33,185	41,810
November	33,904	43,285
December	35,092	43,942
Totals	413,312	573,566

Beecham Buys Eno, Ltd.

Control of Eno's Proprietaries, Ltd., and various companies comprising the organization, all Canadian firms, has been acquired by Beecham's Trust, of England, according to Richard G. Blomfield, export manager for Beecham's. The transaction is reported to involve companies capitalized at more than $10,000,000 with capitalization of the Canadian firms totaling $1,000,000. Beecham's Trust controls fourteen large concerns in Great Britain and throughout the world, with a nominal capitalization of $50,000,000.

McK. & R. Outlook Noted by 'Circular'

—Continued from page 4

cause the corporation's wholesaling operations are but indirectly stained by the misdoings in its higher places. These operations have served the trade well. They are serving well. They may be expected to continue this satisfactory service, whatever may befall the integrated activities, if the efforts of those who are so endeavoring are given the support which they need and which for many reasons they deserve, as thus far has encouragingly been recognized.

The wholesale drug operations of McKesson & Robbins were the largest part of the corporation's activities. From the viewpoint of the drug trade they were the most important part. They are still of great importance to the trade as a whole. The original house has more than a century of service to its credit. Many of its associated sectional divisions have served well for scores of years, and the men who have managed them are deeply and firmly rooted in the best traditions of the trade. They sought to better their services through amalgamation.

It cannot be foretold what effect the reorganization of McKesson & Robbins will have on the moot question of what should be the limits of the activities of a wholesaling concern. This question reaches beyond the practice of vertical integration of wholesaling and manufacturing and importing on the part of an enterprise basically wholesaling, to include the distributing practices of manufacturers and importers. Economic pressure makes a hard and fast rule impracticable. But out of the current troublesome situation may come still better relations, in which the retail division of the drug trade will find some benefits.

It is likely that there will be a new McKesson & Robbins. There is a possibility that it will also be a better one in the larger aspects of the trade. It is desirable that, in respect of wholesaling operations, the change be as slight as possible. To this end the drug trade as a whole is commendably striving, and its success is greatly to be desired.

ANNOUNCING
CAMFOSAS

TRUE SUBSTITUTE FOR
THE CAMPHOR SASSAFRASSY ODOR

Another Givaudan contribution to industry's aromatic requirements is the development of CAMFOSAS, a true odor substitute for natural oil camphor sassafrassy.

Now, with the natural product almost impossible to obtain and the price soaring, is your opportunity to discover the merits of CAMFOSAS, Givaudan's high quality odor substitute.

CAMFOSAS not only closely resembles the odor of the natural product but is remarkably low—and steady—in price.

Our staff will be glad to show you how it can be used in your products with profitable and pleasant results.

Write for a sample and further information.

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DELAWANNA, INC.
Industrial Aromatics Division
80 FIFTH AVENUE, NEW YORK, N. Y.

Essential Oils, Aromatic Chemicals

Tansy Higher and Practically Nominal—Export Demand Advances Wormseed—Anise Sags as Demand Lags—Distilled Lime Weak and Declining—Sweet Birch Off

While general reports on business in the essential oil and aromatic chemical market continued to reveal a moderate volume of business, in specific instances sellers last week reported an increasing volume of trade. In three directions reports indicated that business was running ahead of that a year ago. Specifically, orders for beverage makers' raw materials were reported coming to the market in increasing numbers.

Expansion of the sales of beverage makers' raw materials was a normal development. With Spring about five weeks away, the need to prepare for the season when beverage consumption expands has forced into being a more active spot market. Furthermore, suppliers of basic raw materials indicated that those selling raw materials to the beverage trade, most especially the makers of extracts, apparently were taking a fairly optimistic view on the future of business during the next six to eight months. At least they entered substantial commitments last week and thereby strengthened market conditions.

Lower quotations were noted on anise, distilled ginger, distilled lime and sweet birch oils. Higher values prevailed on tansy, which was practically nominal because of a dearth of supplies, and the development of export business in the primary market resulted in a stiffening of wormseed prices at higher levels.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Tansy, 25c. per lb.
Wormseed, 20c. per lb.

Reduced

Anise, 3c. per lb.
Ginger, distilled, 10c. per lb.
Lime, Mexican, 25c. per lb.
West Indian, 15c. per lb.
Sweet birch, Southern, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
69.2	68.7	68.7	77.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Some gain in demand for sweet oil was reported on spot last week and the general undertone of the market appeared to be firmer at the close of the period. Quotations lacked quotable change.

Anise.—Inquiry was light and sales volume was not very large. Buyers bought close to actual requirements. Importers, as well as agents for primary market shippers, reported a lack of cable offerings. Absence of spot trading brought competition that shaded prices to 67c. to 70c. per pound.

Apricot.—A moderate revival of consumer interest was noted and the market as a whole was in steadier position. Prices were well maintained and competition was negligible.

Bergamot.—Not more than a steady market prevailed on spot. Lack of substantial activity was generally reported and were it not for the control of prices in the primary market, unsettlement on spot might develop, it was said. Stocks were sufficient to meet current consumer needs.

Cajeput.—Jobbing business was fairly good and the market as a whole seemed to be in steady price position. Current needs of manufacturing consumers built a conservative volume of trade by the close of the period under review.

Camphor.—The market continued to be nominal. Japan offered little for shipment and prospects for an increase were poor. Local stocks have been rarely smaller than those current for some time. Substitutes were being pressed for sale.

Cananga.—Jobbing business was no better than fair, but the market was reported to be fairly steady in most respects and quotations held unchanged.

Citronella.—A narrow and mainly jobbing market prevailed among local dealers. Replacement cost changed very little and Java oil for shipment was far below the price of Ceylon material.

Clove.—Prices were steady so far as producers were concerned. Resellers were inclined to be competitive but the small interest shown in the article gave them little opportunity to do regular business. Production cost was well maintained.

Eucalyptus.—Prospects for a normal crop in Australia were declared to be poor and some factors on spot expect prices on shipment goods to be advanced. The turn of events in Spain suggested to local dealers that eventually shipments of Spanish oil may be resumed.

Ginger.—The market on distilled oil was distinctly easier and competition was to the fore. Prices were shaded to $4.90 to $5 per pound. Oleoresin was likewise weaker and lower.

Lemon.—The Italian oil market was strong but the condition abroad was virtually ignored in local circles. California oil was available in large quantities at stable prices and domestic requirements were being easily supplied out of home production at a cost fully 60c. under the quotations on the Italian product.

Lime.—Competition was keen and aggressive. Mexican oil was available as low as $2.50 to $2.60 per pound while the product of the West Indies was down to $3.10 to $3.25 and subject to shading.

Orange.—Fair sales of this article were reported, beverage manufacturers being in the market to protect their early Spring requirements. Prices were quiet and fairly easy in the main and the California article continued to command most of the business on the very low but stable price basis of 75c. per pound.

Peppermint.—Conditions in the country appeared to be definitely strong and the feeling here was that higher quotations would probably come promptly should demand expand even moderately. Trade locally was not very active but prices were steady.

Spearmint.—Undertones continued to be steady but trade was sluggish and confined mostly to the jobbing needs of a not large number of buyers. Stocks were of fair size and in the country were in firm hands.

Sweet Birch.—Labor has been more abundant in the producing districts of the country and stocks have increased sufficiently to bring about a reduction in quotations. Southern oil was down to $1.55 per pound and the northern material was reduced to $2.65 in some quarters, while others made the market $2.25 unchanged.

Tansy.—The market was entirely nominal at $7 per pound. The few lots unsold on spot were sold carefully and under a control intended to conserve stocks as much as possible.

Thyme.—With a final issue to the Spanish civil war apparently in sight, the local trade naturally looked forward to the possibility of normal export business being resumed when new production becomes available. The spot market was quiet but very steady.

Ti Tree.—Prices were low and favorable. Stocks with a phenol coefficient of 11/13 were ample. The germicidal value of this article when used in cosmetics and other preparations has attracted considerable attention of late.

Wormseed.—The market was higher at $2.25 to $2.30 per pound. Reports in local circles stated that numerous export inquiries and sales in the primary market had stiffened the price views of holders at the source.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Aromatic Chemicals

Acetophenone.—Although business was routine in character, it was, nevertheless, steady, and prices displayed stability throughout the past week.

Amyl Phenylacetate.—Inquiry was moderate to light. Buyers' interest was confined to a coverage of their prompt or nearby requirements. Quotations were generally steady.

Anethol.—Raw material prices sagged again last week, but quotations on this derived material lacked quotable change. Demand was steady for the most part, and the market lacked important competition between sellers.

Anisic Aldehyde.—Stability was the keynote of prices on this commodity. Values were well held in all quarters, and were backed by a very good supply of prompt delivery merchandise.

Benzylidenacetone.—Inquiries were fairly numerous throughout the period under review. Buyers covered slightly more than their prompt requirements,

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PERFUME OIL 413
An Inexpensive Substitute for Oil Sassafras Artificial
MAGNUS, MABEE & REYNARD, Inc.
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CHICAGO BRANCH: 180 N. Wacker Drive, Chicago, Ill.
CANADA: Richardson Agencies, Ltd., 454 King St., W., Toronto
Balsams, Aromatic Chemicals, Concentrated Flavors ... Since 1895
Essential Oils

MYSORE GOVERNMENT SANDALWOOD OIL
Distilled at Linden, N. J. from selected Mysore Heartwood by Sole Distillers and Selling Agents
W. J. BUSH & CO.
INCORPORATED
ESSENTIAL OILS | NATURAL FLORAL PRODUCTS | AROMATIC CHEMICALS

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SPRAY PERFUMES
INEXPENSIVE — EFFECTIVE
Ampolene $ .65 lb. Dopolene $1.00 lb.
Cipolene .50 lb. Repolene .80 lb.
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OLEO RESIN GINGER
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With delicious odor and flavor
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and new business tended further to stabilize spot quotations. Reserve stocks were in good supply.

Civet.—Stocks of this fixative have increased considerably following a period in which they had been comparatively small because of the difficulty in getting replacements shipped from the primary market. Quotations were lowered to the basis of $5 per pound for good merchantable quality.

Cyclamen Aldehyde. — This base for lily, linden blossom and similar types of raw material continued to be well stabilized, and also to move in quantities that were normal in size.

Diphenyl Methane.—Trade was irregular most of the time last week, and the market as a whole was on the quiet side. Quotations remained steady, however, in the absence of conditions leading to competition of an important kind.

Ethyl Cinnamate.—Sales were mainly on a hand-to-mouth basis throughout the past week, and volume was down in comparison with the total recently reached in this market. However, undertones remained steady.

Ethyl Phenylacetate.—A quiet market ruled throughout the past week. Buyers covered needs promptly, but their requirements varied little from the conservative total reached in recent weeks. Quotations were steadily maintained.

Ethyl Vanillin.—Although trade was routine in character, it was still very steady last week and sufficient in volume to give considerable support to the prevailing price schedule.

OIL OF LEMON

CALIFORNIA COLD PRESSED

Because of its true-to-the-fruit flavor and unvarying strength; because of its natural appeal to American tastes; and because of its sparkling clarity and excellent solubility, "EXCHANGE" Brand OIL OF LEMON is a good "buy" at any price. By using this dependable product of America's greatest cooperative, you can assure *your* product a quality of appeal that means just two things: More sales and more profit.

FRITZSCHE BROTHERS, Inc.

PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.

BRANCH STORES

BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.

PERFUMERS OF CLIFTON, N. J. AND GRASSE, (MAR.) FRANCE

F.J. Lueders Succeeds Killeen as President

E. V. Killeen, who for thirty-three years served the firm of George Lueders & Co., essential oils, this city, in capacities ranging from traveling representative to president of the company, has retired from control of the company and has been succeeded in the office of president by Frederick J. Lueders, recently vice-president and son of the founder of the fifty-four-year-old business.

In making the announcement of his withdrawal from responsible direction of the Lueders company, Mr. Killeen said that, in addition to desiring more time to devote to his personal affairs, he felt it would be in the best interest of the company for those who ultimately would have to assume entire direction of its affairs to begin so to do while Mr. Killeen could still act with them in an advisory capacity. Mr. Killeen will make the company offices in this city his headquarters and expects to maintain his personal and correspondence contacts with the firm's customers throughout the country.

As a memento of its affection for the former president, the board of directors presented Mr. Killeen with a fine specimen of the vase maker's art suitably engraved with a sentiment of appreciation and respect. Employees of the company gave their former head a traveling clock equipped, also, with a thermometer and barometer.

Following acceptance of Mr. Killeen's resignation and the election of Mr. Leuders as president, the board of directors, acting on February 7, also elected the following to office:—First vice-president and treasurer, Ferdinand Weber; vice-presidents, Frederick G. Buehler and Ross DeB. Daggett, and secretary, George J. Waegelin.

The newly elected president has served the company for eighteen years and is about thirty-six years of age. He has traveled on the road as salesman, was at one time in charge of the Chicago office of the company, and been active of late in the perfume compound department at the New York headquarters.

Eucalyptol.—This article appeared to be destined for price improvement if raw material prices respond to conditions in its primary market; drought has reduced Australian production of eucalyptus oil.

Eugenol.—Because of the fact that producers of raw material have been able to maintain a well stabilized market, notwithstanding a not especially active demand, this derivative has been very steady for a considerable period of time. Reports on spot last week confirmed the steady maintenance of quotations.

Geraniol.—Plentiful supplies were the rule and conditions continued to be highly favorable for buyers with firm orders to place.

Geranyl Acetate. — Trade dropped some in volume last week without prices developing any substantial weakness. In fact, values seemed to be generally steady. Stocks were ample to cover more than current takings of manufacturing consumers.

Linalool.—The call was regular and very steady. Market undertones seemed to be generally firm in the absence of unsettling competition between sellers. In fact, prices appeared to be generally stable.

Linalyl Acetate.—Movement into consumption was about normal within the limits set by demand in recent weeks. Prices had a steady quality that gave evidence of the absence of much competition in local circles.

Methyl Anthranilate.—Inquiry gained and some quarters said sales were up to some extent. Prices in local circles were steadier for the most part and were maintained free of quotable change throughout the period reviewed.

Methyl Cinnamate.—Manufacturers of soapmakers' perfumes took fair-sized quantities steadily at firm prices throughout the past week. Stabilization of values appeared to be complete.

Musk.—Perfumers had little difficulty in covering their requirements under advantageous conditions. Although basic quotations lacked change, market conditions continued to indicate the presence of much competition in local circles.

Drug and Related Bill In State Legislatures

—Continued from page 5

with respect to misbranding of economic poisons.

California A.1830—Empowering the board of health to set up standards for drugs.

Connecticut S.166—Providing for the licensing of drugs and cosmetics.

Connecticut S.167—Providing a new drug and cosmetic act resembling the Federal law and becoming effective in thirty days.

Connecticut H.297—Regulating the sale of caustic poisons.

Indiana H.221—Requiring registration of agricultural pesticides and regulating their sale.

Missouri S.13—Setting up a board of health with regulatory powers in respect of drugs.

Montana H.101—Proposing a new drug and cosmetic law not in conformity with the Federal act and providing for the making of standards by the state board.

Nebraska 104—Amending the pharmacy law partly to comply with the new Federal drug act and requiring supervision by a registered pharmacist of the manufacture of drugs, medicines, chemicals, and poisons.

Nevada A.20—Revising the pharmacy law and adopting the drug and cosmetic definitions of the new Federal act.

New York S.442—Providing for the licensing of agricultural poisons at $10 a year for each.

New York A.566—Same as S.442.

Texas H.225—Providing a new drug and cosmetic law not in conformity with the Federal act and requiring supervision of drug or device manufacturing by a licensed pharmacist, physician, dentist, or veterinarian.

Washington S.15—Providing for the licensing of drugs and cosmetics at $2 each a year and following in various particulars the early model prepared by the state officials' committee.

West Virginia S.21—Introducing the National Drug Trade Conference model drug and cosmetic bill.

West Virginia H.43—Requiring an annual license fee of $100 for the manufacture, sale or other distribution of cosmetics and perfumery.

F.T.C. Order Against Miami Wholesale Drug

—Continued from page 5

consisting of payments for advertising space in the *Miami Magazine* published by the respondents, at prices greater than the actual value of such space, according to findings.

The order directs that the respondents cease and desist from inducing sellers to contract with any of the respondents, in connection with their purchases of commodities, for the payment for advertising space in any magazine or publication published by any of the respondents, at prices greater than the recognized value of such space as an advertising medium to the sellers paying therefor.

The order also forbids inducement of sellers to discriminate in price between any of the parties respondent and other purchasers of commodities of like grade and quality, by granting, allowing and paying to any of the respondents, in connection with their purchases, any advertising allowances or anything of value in lieu thereof, which are not granted by such sellers to all of their customers on proportionately equal terms.

France Honors Louis S. Cates

Louis S. Cates, president of the Phelps Dodge Corporation, this city, has been named a Chevalier of the Legion of Honor of France, according to cable advices received February 9. The French award closely follows the announcement that Mr. Cates next week will receive the William Lawrence Saunders medal of the American Institute of Mining and Metallurgical Engineers.

Bids Wanted

Acetone:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5546, opening February 28.

Alcohol, Denatured:—1,000 gallons, Superintendent of Lighthouses, Staten Island, N. Y., procurement 58776, opening February 16.

Benzol:—1,000 gallons; Commanding Officer, Frankford Arsenal, Pa.; procurement 713, opening February 14.

Decalcomanias:—104,000; Division of Purchases, Sales & Traffic, Department of Agriculture, Washington; procurement 4668, opening February 14.

Lead Acetate:—12,000 pounds for Mare Island; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5584, opening March 7.

Azide:—1,500 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 564, opening March 6.

Red:—205,000 pounds for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5572, opening February 17.

White:—265,000 pounds for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5572, opening February 17.

20,000 pounds; U. S. Engineer Office, P.O. Box 97, Memphis, Tenn.; procurement 21, opening February 14.

Nitroglycerine:—580 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 560, opening February 16.

Oil, Cutting:—1,250 gallons; Commanding Officer, Watervliet Ordnance, N. Y.; procurement 136, opening February 14.

Form:—1,300 gallons of mineral non-staining; U. S. Engineer, Huntington, W. Va.; procurement 220, opening February 14.

Pine:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5573, opening February 17.

Paint Materials:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5508, opening February 23.

Thinner:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5547, opening March 3.

Quicksilver:—1,100 pounds for Sewall's Point; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5565, opening February 21.

Rosin:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5573, opening February 17.

Soap:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5568, opening February 17.

Grit:—42,500 pounds; Depot Quartermaster, Marine Corps, Philadelphia, Pa.; schedule 477, opening February 15.

Laundry:—144,000 pounds; Depot Quartermaster, Marine Corps, Philadelphia, Pa.; schedule 477, opening February 15.

7,500 pounds; General Purchasing Officer, The Panama Canal, Washington; schedule 3422, opening February 27.

Powder:—2,400 pounds; Chief Clerk, Federal Detention Headquarters, New Orleans, La.; procurement 626, opening February 14.

68,016 pounds; Depot Quartermaster, Marine Corps, Philadelphia, Pa.; schedule 477, opening February 15.

1,600,000 pounds for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5557, opening February 21.

10,000 pounds; General Purchasing Officer, The Panama Canal, Washington; schedule 3422, opening February 27.

Salt-Water:—524,000 pounds for Philadelphia and Sewall's Point; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5580, opening February 17.

606,320 pounds for Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5580, opening February 17.

Toilet:—36,000 pounds; Depot Quartermaster, Marine Corps, Philadelphia, Pa.; schedule 477, opening February 15.

3,750 pounds; General Purchasing Officer, The Panama Canal, Washington; schedule 3422, opening February 27.

Soda Bicarbonate:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5546, opening February 28.

Bichromate:—1,200 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 563, opening February 17.

Caustic:—200,000 pounds for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5561, opening February 21.

Oxalate:—8,500 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 565, opening February 14.

Phosphate:—10,000 pounds; General Purchasing Officer, The Panama Canal, Washington; schedule 3422, opening February 27.

7,000 pounds; Depot Quartermaster Marine Corps, Philadelphia, Pa.; schedule 477, opening February 15.

Turpentine:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5573, opening February 17.

Wax, Floor:—2,000 pounds; General Purchasing Officer, The Panama Canal, Washington; schedule 3422, opening February 27.

Yellow:—6,500 pounds; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 5583, opening March 7.

Fair Trade Bill For D.C. in Congress

OPD Washington Bureau
February 7, 1939

A resale price-maintenance bill (H.R. 3838) for the District of Columbia has been introduced in the house by Representative Ambrose J. Kennedy of Maryland.

The measure would authorize the making of voluntary contracts establishing minimum resale prices and providing for refusal to sell to a distributor unless such minimum resale prices are observed.

California Spray Chemical Company, Richmond, Calif., plans the erection of a combination warehouse and office structure at an approximate cost of $4,000.

GOOD NEWS!!

LOWER PRICES ON "LUCIDOL" DIACETYL

When buying DIACETYL you want pure monomeric DIACETYL and no impurities or odorless and flavorless polymers. "LUCIDOL" DIACETYL is produced by fermentation methods and is highest in pure monomeric DIACETYL.

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Organic Peroxides
Acetylmethylcarbinol
Diacetyl
2-3 Butylene Glycol

Petroleum Solvents, Lubricants, Fuels

Crude Price Increases in Midcontinent—Diesel, Heating, and No. 2 Fuel Oils Reduced—Gasoline and Kerosene Down—Daily Crude Output Increases

Strong increases by two companies of the price of crude oil in the midcontinent field sounded a happy note in the petroleum market last week. Less pleasant were strong reductions in the prices for light Diesel oil, heating oils, kerosene, gasoline, and No. 2 fuel oil. Although these various reductions were made in isolated sections, they threatened to spread throughout the country.

More cheering were reports from the South and Midwest that markets for all refined petroleum products seemed to have strengthened. Gasoline prices stiffened in both Tulsa and Chicago, while reports from Atlanta indicated that the current prices were well maintained.

Recent showings of oil on wildcat tests in Ottawa and Kent counties may signal the opening of a vast new oil-producing belt in Michigan. Evidence of substantial progress in curbing overproduction of crude oil in California was seen in preliminary statistics for January, which show the average level of output for that month 41,000 barrels daily under levels obtaining prior to the current drive for curtailment. Meanwhile, State control of the California oil industry under a three-man commission was being sponsored by the Oil Workers International Union, a CIO affiliate. The plan was being framed to prevent passage of a control measure for the industry drawn along the lines of the Sharkey bill which was rejected by a referendum in 1932.

The Oklahoma legislature completed action on its early oil conservation program when the Senate passed a bill which provides for continuation of the excise tax of ⅛c. per barrel on crude oil produced in that State.

The United States government accepted the invitation of the British government to be represented at a conference in London, February 21, for the purpose of concluding an international convention exempting from customs and other duties liquid fuel and lubricants used by civil aircraft in international operations.

Members of the New York City Board of Estimate concurred in a council bill giving jurisdiction over 19,000 retail oil and gasoline outlets in the city to the Markets Department. Charles E. Powers, representing an automobile association, opposed the bill on the grounds that city control was an opening wedge for price-fixing in the gasoline field.

Bunker oil loadings in 1938 on vessels engaged in foreign trade of the United States totaled 36,049,000 barrels, a decrease of 1,629,000 barrels from 1937, according to the Department of Commerce.

The daily average production of crude oil in the United States for the week ended February 4 totaled 3,441,950 barrels, an increase of 193,700 barrels from the preceding week's total, according to the American Petroleum Institute. Daily average production for the four weeks ended February 4 averaged 3,299,550 barrels. Reports from companies controlling 85.8 percent of the nation's refining capacities indicated that the industry as a whole ran to stills 3,140,000 barrels of crude oil daily during the week ended February 4, and that all companies had in storage at refineries, bulk terminals, in transit and in pipelines at the end of the week 79,149,000 barrels of finished and unfinished gasoline, 25,645,000 barrels of gas and distillate fuel oil, and 111,944.000 barrels of heavy fuel oil.

Solvents and Diluents

There was slight pressure against prices in the New York area last week but no actual changes were made. Demand was normal and steady.

Cleaners' Naphthas. — Pricewise the market showed no change, although the current schedule appeared somewhat uncertain.

Aromatic Naphthas.—Demand continued in a satisfactory position while price held its previous level.

Petroleum Thinners.—Movement of stocks into consumers' hands gained slightly during the week. Price was a shade softer.

Stoddard Solvent.—No changes of any sort were reported.

V. M. & P. Naphthas.—The price schedule weakened to a slight extent but was not actually changed. Demand was steady.

Markets at Other Centers

Chicago, Feb. 8.—Price cutting has been reported in petroleum solvents and diluents to a moderate extent recently. Ruling quotations are about the same. Buyers evince their willingness to take moderate amounts. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 3¾c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; V. M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Feb. 8.—There is a better demand for all industrial grades as manufacturers are more willing to buy for future delivery. There is less of a tendency to ask for concession so the price situation is much stronger. The V. M. & P., cleaners, Stoddard and others are unchanged.

Lighter Fractions

Demand was slightly better last week than had been noted for two or three weeks previous. Prices softened in a small way but producers showed no indication to change them.

Butanes.—Producers were pleased with the outlook for the future, although no concrete gains were registered last week.

Octanes.—This mixture continued in a steady and unchanged position.

Petrolatums and Waxes

White Mineral Oils.—Both the domestic and imported oils continued in a steady position. Demand was fair and the price was firm.

Paraffin Waxes.—The wax market continued as one of the strong features in the list. Shipping instructions were received by suppliers in keeping with the current production and the market for crude scale grades appeared on firm foundation .

CHICAGO, Feb. 8.—The petroleum wax market is quiet and unchanged. Prevailing prices seem to be well maintained. Inquiries are coming in fairly well, indicating likelihood of business later. Ruling prices are:—122-124, bags, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132, 4.75c. to 4.8c.; 132-134, 5c. to 5.05c.

TULSA, Feb. 8.—Paraffin gains are being held well with the market active at 2½c. per gallon for the 124-26 grade.

Petrolatum.—Conditions on the whole were reported slightly better. Prices remained steady.

Fuels and Lubricants

Kerosene and gasoline both showed sagging tendencies and small price reductions while diesel oil prices on the gulf and Atlantic seaboards were lowered 10c. last week. Bright stocks showed strength in the Pennsylvania area.

Market Conditions

Gasoline.—Standard Oil Company of New York lowered tankcar prices ¼c. per gallon throughout New England and New York, with the exception of Buffalo and Rochester. Eight of the leading companies lowered the price 2c. per gallon in the East Texas field. Prices were under pressure in almost all sections of the country and further reductions were looked for this week.

Kerosene.—Buyers appeared to be content to keep their purchases down. One company lowered the price at Richmond to a level of 8.7c. per gallon for "standard" kerosene. Tankcar prices at Boston and Providence were reduced 10 points to 4.55c. per gallon.

Fuel and Gas Oils.—Standard Oil Company of New Jersey and Mexican Petroleum Company reduced the bulk price of light Marine Diesel fuel oil along the Atlantic coast 10c. New prices were:—$1.65 per barrel at Boston, New York, Philadelphia, Norfolk, Wilmington, N. C., and Charleston, S. C.; New

The State of the Petroleum Market

No new price changes were recorded last week in oil. The gasoline market remained the same.

	Feb. 11	Feb. 3	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.135	$1.135	$1.322
Gasoline prices at refineries (at four refining centers) per gallon	.0478125	.0478125	.0525

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-Feb. 11	1938 Jan. 1-Feb. 11
Commercial crude oil production	134,038,000	143,128,900
	Week ended Feb. 11, 1939	Week ended Feb. 12, 1938
Daily average production	3,431,500	3,303,100
	Week ended Jan. 21, 1939	Week ended Jan. 28, 1939
Estimated motor fuel stock total	79,149,000	77,279,000
Estimated finished motor fuel stock at refineries	48,808,000	54,037,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

SHERWOOD'S
GUARANTEED QUALITY ★ SHEROLATUM ★ ALL GRADES
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You obtain handling and shipping economies not once but many times when Hackney drums are used. Extra strength and durability provide absolute protection to the contents. Construction features provide easier, faster handling.

Receivers as well as shippers benefit from the container design perfected by Hackney. The removable head is securely held to the top edge of the container by the Toggle-tite closure, making the container air tight and preventing leakage or the entrance of foreign matter while in transit or storage. Because the head is removable, filling, emptying and cleaning are easier and faster. I-bar hoops add strength to the container and provide greater handling speed and economies.

Let Hackney engineers help you solve your container problem. Write for complete information about the drum or barrel which will meet your individual requirements most economically. There is no obligation.

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1453 So. 66th Street, Milwaukee, Wis. 662 Roosevelt Bldg., Los Angeles, Calif.
Containers for Gases, Liquids and Solids

London, $1.80 per barrel; Baton Rouge and New Orleans, $1.45 per barrel. Other price reductions were expected this week. Standard Oil Company of New York reduced the retail price of No. 2 fuel oil from ½c. to ¾c. per gallon in the New York market. Shading of prices was also reported in New England.

Lubricating Oil.—Strength displayed recently in Bright stocks in the Pennsylvania refining area continued last week although no price changes were reported.

Crude Oil Price Changes

The Phillips Petroleum Company's posted price for sweet and sour crude oil in the Texas Panhandle area was increased 8c. per barrel for all gravities. New prices were 96c. for 40-gravity sweet crude, with a 2c. differential downward for each degree to 29. On sour crude, 40 gravity was 91c. with a downward differential of 2c. to 29 gravity. Bell Oil and Gas Company advanced its oil prices 4c. per barrel in the Oklahoma-Texas Red River bed field, starting with 28-28.9 gravity at 71c. per barrel and 2c. a degree upward to 97c. for 41 plus.

Tankwagon Price Changes

Standard Oil Company of New York lowered prices for heating oils ½c. to ¾c. per gallon to a level of 5¾c. to 6c. per gallon in metropolitan New York. Standard Oil Company of New Jersey reduced the price of "standard" kerosene at Richmond to a level of 8.7c. per gallon, a 3c. reduction. The same company set a new schedule for gasoline in North and South Carolina. It was as follows:—Single deliveries of 50 gallon or more, consumer tankwagon price; less than 50 gallons, 4c. per gallon over consumer price. Generally the consumer tankwagon price will be equivalent to the dealer price less 5c. per gallon.

Markets at Other Centers

Chicago, Feb. 8.—Gradually stiffening tone of the tankcar gasoline market apparently is the principal feature of petroleum markets in this region. Refiners are tightening their attitude toward the market in anticipation of better demand at higher prices a little later. Demand is holding well up for Winter, and seems to be running ahead of a year ago in this region. The principal difficulty is the badly upset tankwagon and dealer price structure in many important marketing centers. Kerosene is coming into a somewhat firmer position in anticipation of Spring demand. The heating oils are irregular and spotty, with call still reflecting mild weather. Heavy fuels are steady to firm. Lubricants seem to be stable.

GASOLINE.—Low octane motor, 3⅜c. to 3⅞c. per gallon; 63-66 octane motor, 3⅞c. to 4⅛c.; 67-69 octane motor, 4⅛c. to 4⅜c.; 70-72, regular, 4⅜c. to 4⅝c.; 60-62, 400 endpoint, 3⅝c. to 3⅞c.; 64-66, 375, 4c. to 4¼c;. 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅛c. to 4⅜c.; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oils, 3¾c. to 3⅞c.; No. 1 white, 3⅝c. to 3¾c.; No. 1 straw, 3¼c. to 3⅜c.; No. 2 straw, 3⅜c. to 3½c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Feb. 7.—Firmness continued to prevail in the domestic market during the past week—all prices remaining unchanged. Foreign inquiries and exports were good. U.S. motor gasoline was quoted at 5c.; U. S. motor below 62 octane at 5c.; 63-67 octane at 5¼c. and 68-70 octane at 5⅞c.—all prices based on a per gallon rate at refinery.

Kerosene was quoted at a steady price of 7⅜c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants continued to be quoted at $1.36 per barrel, delivered.

Tulsa, Okla., Feb. 10.—Definite confirmation of what heretofore had been only a sentiment was obtained this week in the refined oil markets of the Midcontinent and Central Western states. Quotations became firmer and a noticeable improvement in the physical situation of supply and demand was evident. The firmness appears fundamental rather than merely transitory. A few refiners became more solid in their position on the market and the easy going that buyers have been enjoying for the past several months, while the price situation was working in their favor, began to disappear.

The influence has been sympathetic in all of the refined oil markets as to price. Firmness is found in many products this week, despite the contra seasonal temperatures which are more normal.

With the further decrease in the marketing of products made from under priced crude the basic condition of the refined market continue to be fed with an improving situation. While the situation in raw material is still precarious, it is believed that if improvement in the prices of finished products continues, an important factor of weakness affecting the crude structure will have been definitely removed.

Following are the approximate prices of the various grades of refined products based upon group three quotations:

GASOLINE.—Third grade U. S. motor is 3⅜c. to 3⅝c. per gallon with the 63-66 grade 3½c. to 4c. per gallon. A larger demand for the 67-69 product has raised the bottom quotations to 4c. and the top to 4½c. per gallon, while the 70-72 grade is 4⅛c. to 4¾c. per gallon. The higher gravities are strong with 64-66 gravity unchanged at 3⅞c. to 4¼c. per gallon, and the 68-70 gravity at 4¾c. to 5c. per gallon.

KEROSENE.—Tone is firmer with the 40-42 grade at 3¾c. to 4c. per gallon, and the 42-44 grade at 4c. to 4¼c. per gallon.

NATURAL GASOLINE.—Tone is unchanged with interest at a low level. The 26-70 is unchanged at 2¾c. in two states and 18-55 at 3¼c. per gallon.

DISTILLATES.—Firmness is in evidence with better demand. No. 1 prime is 3⅝c. to 3⅞c. per gallon, with No. 2 and No. 3 in larger demand at 3⅜c. to 3⅝c. per gallon for the straw, with 3⅜c. for the dark.

FUEL OIL.—Continued improvement and larger demand with quotations unchanged but with a tendency to rise. Low gravities at 50c. to 65c. per barrel and others unchanged.

LUBRICANTS.—Much better demand and a better price situation as a result of

Outputs and Quotas

A comparison of Bureau of Mines calculations for December productions, State allowable quotas where they exist and the American petroleum Institute's estimate for crude production for the week ended February 4, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	482,500	428,000	422,000
Kansas	148,600	153,900	140,150
Texas	1,297,500	†1,767,000	1,495,950
Louisiana ..	246,800	255,140	261,050
Arkansas ...	48,200	‡52,000	52,350
Illinois	102,500	.....	146,700
Eastern	94,300	.....	94,650
Michigan ...	47,200	.....	51,650
Wyoming ...	57,100	.....	48,400
Montana ...	12,100	.....	12,800
Colorado ...	3,600	.....	4,000
New Mexico.	99,600	102,600	101,950
California ..	580,000	§605,000	610,300
Totals	3,220,000	.....	3,441,950

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of February. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Base allowable effective January 16. Shutdowns are ordered for all Saturdays and Sundays during February. Calculated net basic 7-day allowable for week ended Saturday morning, February 4, approximately 1,518,900 barrels daily.

‡ This is the January allowable. February allowable is not yet available.

§ Recommendation of Central Committee of California Oil Producers.

Oil Marketing Study Launched by F.T.C.

OPD Washington Bureau
February 8, 1939

The Federal Trade Commission, according to reliable information, has prepared questionnaires to be sent to the petroleum industry as a part of the monopoly studies being made for the Temporary National Economic Committee. Officials of the commission so far have refused to discuss the matter or to make the questionnaire public; although other agencies cooperating with TNEC have followed the practice of releasing such questionnaires in advance of distribution.

It is believed that the F.T.C. questionnaire deals with marketing and distribution practices and is to supplement information on other phases of the petroleum industry already collected by the Department of Justice.

TNEC has not yet set even a tentative date for receiving information on the petroleum industry.

The man who knows what X means

THE familiar symbol of the unknown is the letter X. X might also be a symbol of the trouble that the unknown can cause. Unknown characteristics in a naphtha can have strange and unpleasant consequences, such as gum formation, livering, and discoloration.

Manufacturers who have such troubles should be glad to meet the man who knows what X means. This man is one of Shell's Naphtha Technical Staff. A qualified Chemical Engineer, he devotes all of his time to the study of naphthas. Through years of experience and years of training in Shell's laboratories, he is unusually well prepared to ferret out any naphtha unknowns that may be causing you trouble.

The services of this man are entirely free. Why wait any longer to take advantage of them?

SHELL NAPHTHAS

Fertilizer Materials

Raw Material Market Stronger Here—Blood, Hoofmeal and Nitrogenous Reduced—Bone Unavailable in New York—Price Advanced—Unground Tankage Scarce

The market for raw fertilizer materials showed more strength last week, although prices for certain ammoniates were reduced. Mixers of raw materials will begin heavy shipping of the finished products at the end of this month and for this reason the majority of men in the industry felt the improvements in the market will be held and even increased. A scarcity of bone material, fish scrap and unground tankage was reported.

The strengthened market in New York was not reflected in other parts of the country. The Baltimore market was quiet with buyers showing little interest in offerings. In Atlanta, conditions were sluggish, while in the Midwest an easier situation had developed.

Despite the substantial decline in exports of British ammonium sulphate to Spain during 1938, and the absence of exports to China and Japan, the total volume of deliveries was higher than the figure for 1937. During last year 313,393 long tons of the material was shipped out of Great Britain compared with 311,771 tons in 1937. Approximately 85 percent of the shipments were destined for Empire markets. In 1938 Britain exported 146,361 long tons of all fertilizer materials, excluding sodium nitrate and sulphate of ammonia, compared with 369,840 tons in 1937. Exports of nitrate of soda in 1938 totaled 1,401 tons compared with 533 tons the previous year. Imports of all fertilizer materials during 1938 totaled 645,947 long tons compared with 655,877 tons in 1937.

Preliminary Argentinian statistics for 1938 show exports of 51,184 metric tons of bone compared with 87,395 tons in 1937. Shipments of dried blood declined from 13,710 tons in 1937 to 12,493 tons last year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, meal, import, 3 and 50 percent, 50c. per ton.
steamed, import, 1 and 65 percent, 50c. per unit-ton.

Reduced

Blood, dom., 5c. per unit-ton, f.o.b. N. Y.
import, 7½c. per unit-ton, c.i.f. ports.
Hoofmeal, bulk, 10c. per unit-ton, f.o.b., Chicago
Nitrogenous material, import, 5c. per unit-ton, c.i.f. Atlantic ports.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	67.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

The prices for dried blood, hoofmeal, and nitrogenous fertilizer material were reduced last week. Demand on the whole was better and inquiries for future business increased heavily.

Nitrate of Soda.—Activity gained slight momentum. Prices remained unchanged.

Sulphate of Ammonia.—The market showed no changes. Prices remained firm.

Dried Blood.—The domestic grade was reduced 5c. to $3.20 per unit-ton, f.o.b. New York. The import material was lowered 7½c. to $2.85 per unit-ton, c.i.f. ports. More of this ammoniate was available compared with the scarcity of two weeks ago.

Fish Scrap.—A scarcity of this product was reported and demand for it was light. Price was steady.

Tankage.—The unground material was very scarce in the New York market. Demands showed an increase and the price was stronger.

Nitrogenous Material.—The imported product was lowered 5c. to $2.45 per unit-ton, c.i.f., Atlantic ports. Demands and inquiries were better.

Hoofmeal.—The price in Chicago was reduced 10c. to $2.75 per unit-ton.

Potashes

The tone of the market improved over the previous few weeks, although no price changes were reported. Cottonseed hull ash drew more interest from prospective buyers, but spot business showed no improvement.

Phosphates

Bone material was so scarce last week that many men in the industry reported it could not be had in New York. Along with this condition an unexpectedly heavy demand for the material was noted, bringing about an advance in prices.

Bone Materials.—Both the imported steamed 3 and 50 percent product and the imported steamed 1 and 65 percent material were raised 50c. to $22.50 per ton, c.i.f. ports.

Superphosphates.—Inquiries for future business increased over the previous week. Price remained steady.

Sulphur and Pyrites

The market strengthened slightly last week as more stocks moved into consumption than had been noted for a few months previously. Prices were unchanged.

Markets at Other Centers

Atlanta, Feb. 8.—The market for fertilizer materials in the South is reported spotted and sluggish. Hesitation is attributed to uncertainties created in Washington by proposals affecting cotton.

Nitrate of soda has begun moving for spring application. Demand for sulphate of ammonia is reported to be met, though production is reported less in 1938 than in 1937.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

NITRATE OF SODA.—$29 per ton, port basis.

SULPHATE OF AMMONIA.—$28 per ton, port basis.

COTTONSEED MEAL.—8 percent grade, $23 to $23.50 Southeastern mills.

PEANUT MEAL.—8.75 percent grade, $21 per ton, mills.

BLOOD.—Imported, $2.85 per unit, ports.

TANKAGE.—Imported, $3.15 and 10c. per unit, ports.

NITROGENOUS.—Imported, $2.45 per unit, ports.

Baltimore, Feb. 8.—The market for crude fertilizer materials remains quiet, with no great interest manifested by buyers, but with the range of prices fairly steady. Manufacturers of mixtures have no immediate requirements and the movement remains small.

FISH SCRAP.—Such supplies as come into the market are offered at $48 per ton, f.o.b., Baltimore, with menhaden meal firm at $52 to $53 per ton in carload lots, f.o.b., Baltimore. Sardine meal is to be had at $48.50 to $49 per ton, for spot and shipment.

TANKAGE.—The market for this ammoniate is unchanged with trading light. Prices are $3.35 and 10c. per unit-ton for unground feeding, and $3.20 and 10c. per unit-ton for unground fertilizer material, both f.o.b., basis Baltimore.

DRIED BLOOD. — This product is reported to be slightly easier, with last sales of domestic stocks at $3.25, f.o.b., shipping point, and with South American supplies held at $2.80 to $2.85, c.i.f., ports.

SUPERPHOSPHATE.—Business is being conducted on a limited scale at $7.50 per ton for run of pile, and at $8 per ton for 16 percent milled and screened stocks, with the buying on a restricted scale.

NITROGENOUS MATERIAL. — No changes have developed in the market for this product. Import product is at $2.45 per unit, c.i.f. ports, with the movement very moderate.

BONE.—The import material was raised 50c. to $22.50 per ton, c.i.f., ports for both the 3 and 60 percent bone meal, and the 1 and 65 percent steamed.

Chicago, Feb. 8.—An easier market situation has been developing recently in some sections of the fertilizer materials operations. Buyers have developed hesi-

—*Continued on page 56*

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

International Agricultural To Broaden Activities

John J. Watson, president of International Agricultural Corporation, told stockholders at their annual meeting January 24 that the company was branching out into some of the smaller chemical fields, but that its directors felt that it did not at present have adequate capital to go into the broad field of chemicals.

He reported that the Union Potash Mines, in New Mexico, had "just got down to the salts, and in six months we will have the answer to the extent the company will go ahead in the potash field." He was considerably encouraged, he added, with respect to the outlook for the fertilizer price structure, but that tonnage prospects are not so good.

The vice-president in charge of mining for the company said that aside from the fertilizer angle, there are a number of potassium compounds that can be made and sold for high prices by the company. Some of these compounds are being imported at present, he added.

Southern Agricultural Ass'n Addressed by H.R.Smalley

H. R. Smalley, chief agronomist of the National Fertilizer Association, was principal speaker at the fortieth annual convention of the Association of Southern Agricultural Workers, held in New Orleans February 1-3. He presented a paper entitled "The Relation of Fertilizer Use to Crop Production."

Mr. Smalley pointed out that not more than 60,000,000 acres of our 360,000,000 acres of crops are fertilized in any one year, and that increased production of the fertilized land amounts to about 15 percent of the total crop production. If fertilizer were not used, at least 30,000,000 additional acres would have to be farmed at an approximate cost of $550,000,000 annually, Mr. Smalley said. At the annual dinner, Dr. H. P. Cooper, dean and director of Clemson Agricultural College, delivered his address as president of the association.

Chilean Nitrate Mines Not Damaged by Earthquake

No damage has been done to the Chilean nitrate mines, plants or railways by the earthquake that took place recently, Medley G. B. Whelpley, president of the Anglo-Chilean Nitrate Corporation and chairman of the Lautaro Nitrate Company, Ltd., reported. Ports in Chile from which nitrate is shipped abroad were also not affected. The section where nitrate of soda is produced and shipped is about 600 miles north of the area where the earthquake took place.

Shell-Lime Company has been chartered to manufacture fertilizers, and mine and sell natural lime at Myrtle Beach, South Carolina.

Van Over to Speak At Chemurgic Conference

M. D. L. Van Over, director of the Woburn Industries Farm Bureau, a unit of the Woburn Degreasing Company of New Jersey, left last week to attend the Gulf coast chemurgic conference, in session in Beaumont, Tex., February 10-11. Mr. Van Over, who is scheduled to speak on "The Castor Plant and Its Potentialities," will outline the steps necessary for profitable commercial production of the castor plant.

M.D.L.Van Over

Mr. Van Over will attend the conference as director of research and special representative for the Agricultural Chemical Association. This association, with headquarters in Washington, was formed in 1938 for the agricultural development of the castor plant and chemical processing use in industry of the castor plant, its oil, and the pomace of the cellulose of the castor plant and the insecticidal constituent of its leaves. Numerous industrial enterprises have made available to the association laboratory facilities and scientific assistance. Chief among these industrial cooperators is the Woburn company, of which A. G. H. Reimold is president.

Norton Heads Sales Div. Of International Drug Club

John S. Norton, vice-president of the Lambert Pharmacal Company, St. Louis, has been named chairman of the sales managers' division of the International Drug Club of the Hall of Pharmacy of the New York World Fair. Sales managers of pharmaceutical manufacturers and wholesalers, which will exhibit in the Hall of Pharmacy, voted his election.

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Obituaries

Frank H. Hoyt

—*Continued from page* 30

September, 1926. His score of 152 established a new senior record for thirty-six holes, and his eighteen-hole round of 75 was also a senior record. On the final day he simultaneously captured the international senior championship, in which Canadians competed, his round of 77 bringing him the added honor.

Surviving are his wife, two daughters and a son, Edmund H. Hoyt, who is affiliated with the Standard Vacuum Company at Soochow, China.

T. P. Lee

T. P. Lee, widely known in the Texas oil industry, died February 4, in Houston, Tex. He was sixty-seven years of age. Born in Petroleum, W. Va., Mr. Lee began work in the oil field at the age of sixteen, and subsequently went to Texas in 1903, becoming affiliated with the Texas Company. He remained with that company ten years, leaving as superintendent of production to join the formation of the Farmers' Petroleum Company. In 1926 he aided in the founding of the American Republics Corporation. Surviving is his wife.

Joseph Mathias

Joseph Mathias, formerly president of James B. Horner & Co., essential oils, this city, died at his home in Brooklyn on February 4. He was seventy-seven years of ago and, in point of service, was the patriach of the local essential trade.

Mr. Mathias was born on August 29, 1862, and in his sixteenth year was employed as office boy by Major James B. Horner who promised to teach him the essential oil business. After a period of running errands, lighting fires, sweeping the office, removing ashes, and doing all the menial chores of office boys in 1878, he was promoted to the warehouse where he eventually took full charge of stocks and shipping.

From the warehouse, he was moved to the accounting office where he was taught bookkeeping and learned the details of financial operations. This led to selling goods under Major Horner, considered one of the shrewdest merchants in that period.

Major Horner died in 1914 and the major interest in the company passed to Mr. Mathias. He incorporated the business in 1915 and within a few years bought all outstanding stock. In 1937, he decided to retire from business life and in that year sold the company to the Orbis Products Corporation of this city.

Funeral services were held on February 6 in his late home at 149 Prospect Place, Brooklyn. Surviving are a brother and sister.

Colonel Richard Moore

Colonel Richard Moore, former manager of the St. Louis branch of Benjamin Moore & Co., died in his home in that city February 1, following a prolonged illness. He was seventy-eight years of age.

Colonel Moore, who served as president of the St. Louis Paint, Oil and Varnish Club in 1915-16 and as president of the National Paint, Oil and Varnish Club in 1920, was born in Ireland. He came to the United States when he was twenty-one years of age, and subsequently joined the F. O. Pierce Company in New York. He later moved to Kansas city where he operated the Campbell & Cutler Paint & Glass Company. In 1901 he formed the Becker & Moore Company, after having been affiliated with Vane-Calvert Paint Company, St. Louis. In 1915 his company was consolidated with Benjamin Moore & Co., which company had been formed by his brother.

Surviving are his wife, two daughters, a son, and two brothers, Fred Moore, of Toronto and C. C. Moore, Montclair, N. J., and two sisters, who reside in Ireland.

Frank A. Brownell, who at one time manufactured the camera known as the "Brownie," which subsequently was taken over by the Eastman Kodak Company, Rochester, N. Y., died February 4. He was seventy-nine years of age. Surviving are a son and daughter.

David L. Clark, founder of the Clark Chewing Gum Company and the D. L. Clark Candy Company, both of Pittsburgh, died in that city February 3 of a heart attack. He was seventy-four years old. Surviving are his second wife and six daughters and six sons by his first wife, who died some time ago.

Mrs. Frances Dickinson, widow of E. E. Dickinson, founder of E. E. Dickinson & Co., manufacturer of witch hazel, died February 9 in her home in Essex, Conn. Mrs. Dickinson was eighty years of age. Surviving are a daughter and one son, E. E. Dickinson, jr., present head of the company.

George Goebel, chief engineer of the Crown Cork & Seal Company, died in the hospital in Baltimore on February 4. He was fifty-seven years of age. Surviving are his wife and three sons.

Edward Friedmann, a widely known refrigeration engineer, died February 2, in his home in East Orange, N. J. He was seventy-four years old. Surviving are his wife and two daughters.

Harvey Eugene Henry, secretary of the McKesson-Crowdus Drug Company, Dallas, Texas, died January 31, of a heart attack in his home in Dallas, Texas. He was sixty-one years of age. Surviving are his wife and two daughters.

Thomas H. MacNish, traffic manager for the White Laboratories, Newark, N. J., died February 3, in his home in East Orange, N. J. He was thirty-five years of age. Surviving are his wife and two sons.

Robert J. Rees, production manager for the Corning Glass Company, Corning, N. Y., died February 9 in Providence, R. I. He was fifty-one years of age.

Frank J. Schumann, purchasing director for the United Drug Company, Boston, died February 2, in Newton Falls, Mass. He was fifty-six years of age. Surviving are his wife and son.

Ralph Irving Waldron, affiliated with the sales department of the Socony-Vacuum Oil Company, this city, died in his home in New Rochelle, N. Y., February 8. He was sixty years of age. Surviving are his wife, a brother and a sister.

William S. White died in Schenectady, N. Y., February 6. He was seventy-eight years of age. A few years after graduation from Columbia University in 1882, Mr. White entered the firm of Field & White, paper manufacturer, Boonton, N. J., remaining with the company until his retirement in 1923.

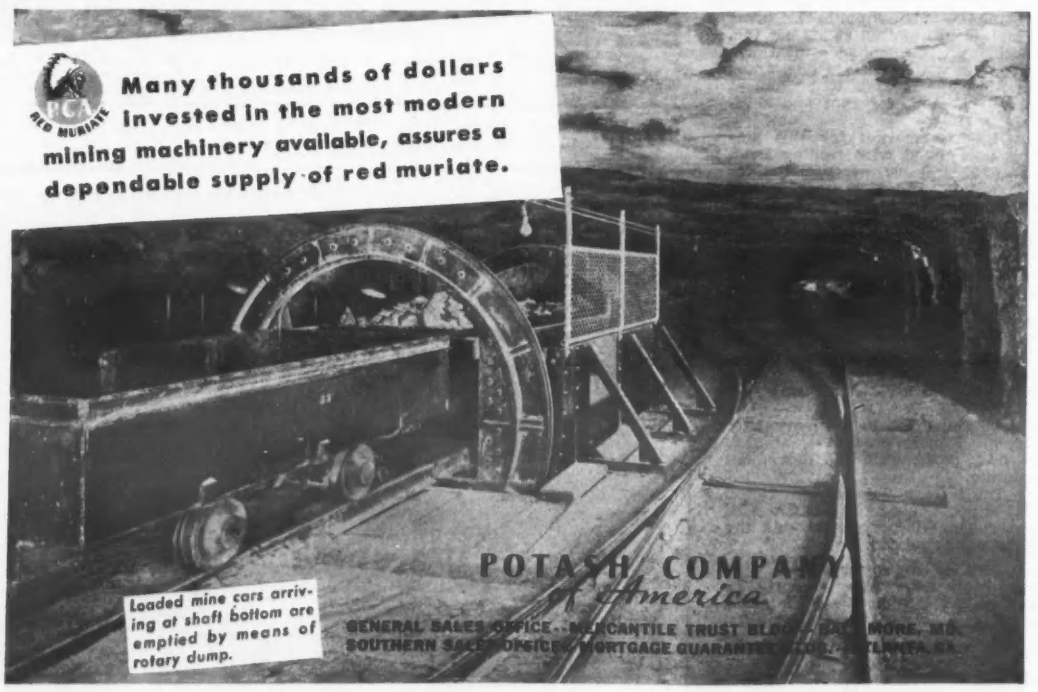
Benedict S. Wise, secretary of the Reinschild Chemical Company, this city, died February 9. He was seventy-eight years of age. Surviving are two daughters.

Chemicals, Petroleum Corporations Earnings Data For 1936 U. S. Taxes

—*Continued from page* 5

	Chemicals and allied products.	Petroleum and other mineral oil products.
Number of returns with balance sheets[1]	6,212	671
Assets		
Cash[2]	$326,781,000	$278,406,000
Notes and accounts receivable (less reserve for bad debts)	499,978,000	679,715,000
Inventories	683,127,000	778,863,000
Investments, tax-exempt[3]	115,418,000	39,300,000
Investments, other than tax-exempt	984,446,000	1,439,397,000
Capital assets—land, buildings, equipment (less depreciation and depletion)	1,369,971,000	3,404,327,000
Other assets	377,630,000	136,195,000
Total assets[4]	4,307,351,000	6,756,202,000
Liabilities		
Notes and accounts payable	532,936,000	707,696,000
Bonded debt and mortgages	284,312,000	554,258,000
Other liabilities	350,265,000	493,783,000
Capital stock, preferred	475,548,000	228,362,000
Capital stock, common	1,550,097,000	3,414,601,000
Surplus and undivided profits	1,202,500,000	1,584,243,000
Less deficit	88,307,000	226,741,000
Total liabilities	4,307,351,000	6,756,202,000

[1] Excludes returns for inactive corporations and returns with fragmentary balance sheet data.
[2] Includes cash in till and deposits in bank.
[3] Includes obligations of States and Territories or political subdivisions thereof, obligations of instrumentalities of the United States, and obligations of the United States or its possessions.
[4] "Total assets" means the sum of the asset items or the sum of the liability items reported on the balance sheet of the return less any deficit.


PCA
RED MURIATE
Many thousands of dollars invested in the most modern mining machinery available, assures a dependable supply of red muriate.
Loaded mine cars arriving at shaft bottom are emptied by means of rotary dump.
POTASH COMPANY of America
GENERAL SALES OFFICE—MERCANTILE TRUST BLDG., BALTIMORE, MD.
SOUTHERN SALES OFFICE—MORTGAGE GUARANTY BLDG., ATLANTA, GA.

Fertilizer Materials

Markets at Other Centers

—*Continued from page* 55

tancy over the question of extensive market activity. Blood is in fair call at buyers' prices, being somewhat below recently ruling levels. Tankage is in moderate call. Bone materials are somewhat spotty and in some cases are at a little lower levels.

BLOOD.—Principal grade, $3.20 to $3.30 per unit of ammonia.

TANKAGE.—High grade, feeding, $3.60 to $3.80 and 10c.; hoof meal, $2.75 to $2.80; liquid stick, $2.55 to $2.65.

BONE MATERIALS.—Ground, steamed bone, 1½ and 60 percent, $19 to $21; 3 and 50 percent, $24 to $25; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $22 to $23; beef cracklings, soft pressed, $40 to $42.50; pork cracklings, soft pressed, $50 to $52.50; hard pressed cracklings, per unit of protein, 70c. to 75c.

San Francisco, Feb. 7.—No important changes developed in the California fertilizer materials market last week. Continued rains encouraged the movement of materials against previous contracts, and there has been additional new business noticed in the trade in the chemical line, to supplement the purchases made earlier. The season is getting along towards its peak, especially in the Southern portion of the state. Supplies in sellers' hands are plentiful.

Ruling prices are:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles Harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton, ex vessel or warehouse; 200-pound bags, $28.30 per ton, ex vessel or warehouse.

SUPERPHOSPHATE. — Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered $1 per ton extra. Eleven percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis, and $1 per ton extra for delivery inland.

FISH MEAL.—California sardine meal is quoted on the basis of $39 per ton, f.o.b. cars, Monterey and $40 per ton, f.o.b. cars, San Francisco Bay points.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted on the basis of $2.85 and 10c. per unit-ton, f.o.b. cars, San Francisco. Dry rendered, ground, quoted at $39 per ton, f.o.b. cars; unground, dry rendered, quoted at 62½c. per unit of protein.

BLOOD MEAL.—Domestic blood meal is quoted on the basis of $2.90 per unit, f.o.b. cars, San Francisco.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered Pacific Coast ports.

Insecticide Formula-Labeling Proposed in N.Y. State Bill

Albany, Feb. 6, 1939

Agricultural poisons represented as effective as insecticides or fungicides would be required by the Allen bill (A. 584) to be clearly and plainly labeled to show the name and percentage amount of each active ingredient and the total percentage of all inert ingredients. The label would also be required to give the name and address of the manufacturer.

The Allen bill also would prohibit the sale of agricultural poisons which were not up to the represented standard of quality or did not contain the stated active ingredients and which, if intended for use on vegetation, contained any substance injurious to vegetation except weeds. The prohibition would apply also to falsely or misleadingly labeled substances.

The bill applies, in addition to insecticides and fungicides, to bactericides, weed-killers, rodent-killers, and other agents represented as effective in combatting plant or animal pests.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACETATE TERPENYL — 5 dms, Aromatic Prod Co, Excambion, Marseilles
ACID, ACETIC RESIDUE—2 cks, Chemical Marketing Co, Black Hawk, Rotterdam
CRESYLIC—113 dms, Capulin, Liverpool
STEARIC—67 bgs, 5 tons, 3 cwt, 3 qtrs, 21 lbs, Orbis Product Corp, Santa Rosa, Liverpool
ACYLBUTADIENE—6 cyls, Standard Oil Co of N J, Black Hawk, Rotterdam
AGAR AGAR—7 bls, Consumers Import Co, Morviken, Kobe
ALBUMEN, EGG, HEN—56 cs, D L Moss & Co, Tai Yang, Shanghai
56 cs, Stein, Hall & Co, Tai Yang, Shanghai
67 cs, Paul A Dunkel & Co, Tai Yang, Shanghai
VEGETABLE—162 cs, Volkart Bros, Bremen, Bremen
ALUMINUM FOIL—52 cs, F P Gaskell Co, Bremen, Bremen
83 cs, Alka Bottle Capping Mach Co, Bremen, Bremen
5 cs, Globe Shipping Co, Hamburg, Hamburg
AMMONIA SULPHATE—550 bgs, Bradley & Baker, Volendam, Rotterdam
ANISE—100 bgs, Tai Yang, Hongkong
ANNATTO SEED—110 bgs, W R Grace & Co, Iriona, Guayaquil
170 bgs, Talamanca, Kingston
ANTICHLOR—20 cks, Hamburg, Hamburg
ANTIMONY, REGULUS—80 kegs, Jean Jadot, Antwerp
ARROWROOT—1,800 bgs, Morningstar-Nicol, Ingrid, St Vincent
ARSENIC, RED, POWD—100 cks, American Cyanamid & Chem Co, Hamburg, Hamburg
ARTISTS' MATERIAL—2 cs, Winsor & Newton, American Merchant, London
ASPHALT—1,000 bgs, A V Berner & Co, Seatrain Havana, Havana
BABASSU KERNELS — 11,997 bgs, General Food Corp, Polycarp, Parnahyba
5,000 bgs, General Food Corp, Polycarp, Maranham
BALSAM—10 cs, Talamanca, Puerto Colombia
BARBASCO ROOT—420 bls, Polycarp, Para
900 bls, Astonia Import & Mfg Co, Polycarp, Para
BARIUM HYDRATE—23 cks, 5 tons, 5 cwt, 1 qtr, 27 lbs, H Sundheim, Carinthia, Liverpool
BARK, MEDICINAL — 20 bls, Munargo, Nassau
BARYTES—2 cs, H Suhl, Hamburg, Hamburg
BENZOL PEROXIDE — 1 cs, H Sundheim, Carinthia, Liverpool
BERRIES, MEDICINAL—12 bgs, P H Petry & Co, Marmacsea, Gdynia
34 bgs, P H Petry & Co, Mormacport, Gdynia
BITUMEN—28 dms, M T Barfonn, Aquitania, Southampton
BLACK CARBON—1 bx, Goodyear Tire & Rubber Co, American Merchant, London
BONE ASH—14 cks, C B Chrystal & Co, Kyno, Hull
FLOUR—1,088 bgs, Alberta, Fiume
BRISTLES—50 cs, S Zeitlins Sons, Tai Yang, Hongkong
163 cs, Tai Yang, Hongkong
50 cs, S Zeitlins Sons, Tai Yang, Shanghai
20 cs, Melchers, Inc, Tai Yang, Shanghai
25 cs, Goldman Sachs & Co, Tai Yang, Shanghai
38 cs, Public National Bank, Tai Yang, Hongkong
25 cs, F H Cone & Co, Tai Yang, Shanghai
30 cs, Corn Exchange Bank, Tai Yang, Shanghai
25 cs, H Rosenhirsch & Co, Tai Yang, Shanghai
1 cs, Draeger Shipping Co, Aquitania, Southampton
18 cs, Chesnut, Cooper & Co, Aquitania, Southampton
34 cs, F H Cone & Co, Morviken, Kobe
7 cs, H Rosenhirsch & Co, Morviken, Kobe
5 cs, F W Von Stade, Morviken, Kobe
55 cs, F H Cone & Co, Morviken, Kobe
22 cs, Globe Shipping Co, Hamburg, Hamburg
23 cs, American Merchant, London
5 cks, Draeger & Co, American Merchant, London
5 cs, Ilsenstein, Antwerp
BRONZE POWDER—4 cs, J E Mandlik, Hamburg, Hamburg
CACTUS—11 bxs, Talamanca, Kingston
CALCIUM, TARTRATE — 220 bgs, Standard Brand, Exchester, Algiers
CAMPHOR, REFD—133 cs, Iwai & Co, Morviken, Kobe
CANARY SEED—250 bgs, Exchester, Istanbul
CAPSICUM OLEORESIN — 10 cks, Fritzsche Bros, President Harding, Hamburg
CARAWAY SEED—100 bgs, 11,000 lbs, M Witsenburg, Volendam, Rotterdam
50 bgs, 5,500 lbs Archibald & Kendall, Volendam, Rotterdam
100 bgs, 11,000 lbs, Volendam, Rotterdam
CARDAMOM—22 cs, 1 bg, W E Martin, Iriona, Livingston
CAROB—100 cs, Alfred E Freeman, Excambion, Alexandria
CASCARILLA BARK—4 bls, S B Penick & Co, Munargo, Nassau
CASSIA—179 bls, B H Old & Co, Simaloer, Padang
293 bls, Simaloer, Padang
BROKEN—50 bls, O Gerdau Co, Tai Yang, Hongkong
ROLLS—100 bls, S L Jones & Co, Tai Yang, Hongkong
CASTOR BEANS—3,700 bgs, Baker Castor Oil Co, Lages, Santos
5,178 bgs, Spencer Kellogg & Sons, Lages, Santos
1,700 bgs, Spencer Kellogg & Sons, Polycarp, Bahia
6,776 bgs, Baker Castor Oil Co, Polycarp, Bahia
CHALK, COMMON—1,600 bgs, R L Watkins & Co, American Merchant, London
PRECIPITATED—125 bgs, 9 tons, 9 cwt, 2 qtrs, 26 lbs, H J Baker & Bros, Carinthia, Liverpool
CHAMOIS—5 cs, American Sponge & Chamois Co, President Harding, Havre
2 cs, Rohner-Gehrig Co, Aquitania, Southampton
6 cs, President Harding, Havre
CHAMOMILE FLOWERS—25 cs, Alberta, Trieste
15 cs, J L Hopkins & Co, Alberta, Trieste
CHEMICALS—41 cks, Philip Bauer Co, Black Hawk, Rotterdam
CHEMICALS—20 cks, 2 dms, Advance Solvents & Chem Co, Black Hawk, Rotterdam
33 cks, Jungmann & Co, Black Hawk, Rotterdam
61 cks, 1 dm, American Cyanamid & Chem Co, Black Hawk, Rotterdam
40 dms, Black Hawk, Rotterdam
150 bgs, Philip Bauer Co, Mormacsea, Gdynia
250 bgs, American Cyanamid & Chem Co, Mormacsea, Gdynia
76 pkgs, Bremen, Bremen
1 ck, Ciba Co, Normandie, Havre
2 cks, Hoffmann La Roche, Normandie, Havre
1 cs, Lo Curto & Funk, De Grasse, Havre
3 bbls, Merck & Co, De Grasse, Havre
1 bbl, De Grasse, Havre
3 cs, Corn Exchange Bank, De Grasse, Havre
1,016 bgs, Advance Solvents & Chem Co, Hamburg, Hamburg
30 cs, 1,999 bgs, Hamburg, Hamburg
1 cs, J E Bernard & Co, Hamburg, Hamburg
41 dms, 13 cs, Jungmann & Co, Hamburg, Hamburg
199 bbls, E I duPont de Nemours & Co, Hamburg, Hamburg
30 cans, 35 cks, 28 dms, 50 crbys, Hamburg, Hamburg
1 cs, Akatos, Inc, Hamburg, Hamburg
15 dms, Universal Carloading & Distr Co, Hamburg, Hamburg
41 bbls, Hummel Chem Co, Carinthia, Liverpool
6 cs, Yardley & Co, American Merchant, London
3 dms, American Merchant, London
35 cks, General Aniline Works, Volendam, Rotterdam
77 cks, Innis, Speiden & Co, Volendam, Rotterdam
154 bgs, F H Taussig, Volendam, Rotterdam
46 cks, General Marketing Co, Volendam, Rotterdam
23 bbls, Th Goldschmidt Corp, Volendam, Rotterdam
20 cs, Volendam, Rotterdam
20 cks, Washington, Bremen
45 bgs, Innis, Speiden & Co, Jean Jadot, Antwerp
150 bgs, Philipp Bros, Jean Jadot, Antwerp
2 cks, Ciba Co, Paris, Havre
6 cs, Ciba Pharm Co, Paris, Havre
36 cks, 1 cs, Fulton Dye & Import Co, Paris, Havre
40 cyls, Paris, Havre
2 cs, Gane & Ingram, Paris, Havre
MANURE—33 bgs, Niebrugge & Day, American Merchant, London
CHINA CLAY—6 bgs, Yardley & Co, American Merchant, London
CINCHONA BARK—44 bgs, Guayaquil, South American Ports
PRODUCTS—16 cs, R W Greeff & Co, Volendam, Rotterdam
CLOVES—15 bgs, J F Frank, Talisse, Macassar
110 bls, Excambion, Marseilles
COALTAR INTERMEDIATES—2 dms, General Dyestuff Corp, Bremen, Bremen
3 cs, General Dyestuff Corp, Hamburg, Hamburg
COBALT METAL—44 kgs, Central Trading Corp, Mormacsea, Kotka
1 cs, Central Trading Corp, Ilsenstein, Antwerp
OXIDE—80 cks, Central Trading Corp, Ilsenstein, Antwerp
COCOA BEANS—100 bgs, Daarnhouwer & Co, Cottica, La Guaira
13 bgs, Mecke & Co, Cottica, Curacao
100 bgs, Brazil, Trinidad
350 bgs, Wessel, Kulenkampf & Co, Volendam, Rotterdam
200 bgs, Wood & Selick, Ingrid, Grenada
1,000 bgs, Wessel, Kulenkampf & Co, Leif, Trujillo
5,100 bgs, Machado & Co, Leif, Sanchez
1,000 bgs, Wessel, Kulenkampf & Co, Leif, Sanchez
100 bgs, Machado & Co, Leif, Porto Plata
800 bgs, Standard Bank of South Africa, West Irmo, Accra
1,365 bgs, Afram Trading Co, West Irmo, Lagos
5,638 bgs, Balfour, Guthrie & Co, West Irmo, Lagos
1,476 bgs, Superintendence Co, West Irmo, Lagos
1,444 bgs, West Irmo, Lagos
800 bgs, Balfour, Guthrie & Co, West Irmo, Accra
8,000 bgs, Bank of London South America, West Irmo, Accra
1,000 bgs, Canadian Natl Bank, West Irmo, Accra
724 bgs, West Irmo, Winnebah
16,000 bgs, Bank of London South America, West Irmo, Takoradi
12 bgs, West Irmo, Port Bouet
250 bgs, Lages, Victoria
10,000 bgs, W Bartholomew & Co, Lages, Bahia
8,000 bgs, Wessel, Kulenkampf & Co, Lages, Bahia
5,000 bgs, General Cocoa Co, Lages, Bahia
1,000 bgs, Wood & Selick, Lages, Bahia
1,000 bgs, W R Grace & Co, Lages, Bahia
3,500 bgs, Lages, Bahia
500 bgs, Iriona, Guayaquil
483 bgs, Guayaquil, South American Ports
619 bgs, W & A Leaman, Medea, Jeremie
41 bgs, Schutte & Pocke, Medea, Jeremie
200 bgs, Struller & Wood, Medea, Jeremie
1,000 bgs, Medea, Jeremie
500 bgs, Medea, Pto Cabello
250 bgs, Wessel, Kulenkampf & Co, Coamo, Trujillo
1,943 bgs, Curacao Trading Co, Coamo, Trujillo
80 bgs, Ingria, Lisbon
RESIDUE—1,765 bgs, H J Baker & Bro, Black Hawk, Rotterdam
COCONUTS — 250 bgs, I L Toledano Corp, Guayaquil, Cristobal
9 bgs, Simon French Co, Coamo, San Juan
3,132 bgs, General Food Corp, Talamanca, Kingston
COCONUT, DESIC—1,800 cs, Wilbur Ellis Co, Tai Yang, Davao
275 cs, Wood & Selick, Tai Yang, Manila
953 cs, Dodwell & Co, Tai Yang, Manila
547 cs, Philippine Desic Coconut Corp, Manila
427 cs, Philippine Desic Coconut Corp, Tai Yang, Zamboanga
1,883 cs, 2,390 bgs, General Food Corp, Tai Yang, Manila
1,801 cs, Durkee Famous Food, Tai Yang, Manila
COLORS—1 cs, Rohner, Gehrig & Co, Normandie, Havre
ARTIST'S—4 cs, M Grumbacher, Volendam, Rotterdam
CADMIUM—14 bbls, Hensel, Bruckmann & Lorbacher, Hamburg, Hamburg
3 cs, Stanley Doggett, Washington, Hamburg
COALTAR—13 cks, General Dyestuff Corp, Volendam, Rotterdam
DRY—8 bbls, Robinson-Wagner Co, Hamburg, Hamburg
PIGMENT — 7 cs, General Dyestuff Corp, Bremen, Bremen
PRINTING—1 cs, J E Bernard & Co, Hamburg, Hamburg
COPAIBA BALSAM—120 cs, F B Ross & Co, Polycarp, Para
COPPER RESIDUE—146 bgs, Kyno, Hull
CORIANDER SEED—50 bgs, Greene Trading Co, American Merchant, London
200 bgs, O Gerdau Co, Exchester, Casablanca
226 bgs, Chase National Bank, Washington, Hamburg
CORK—4 bls, Ingria, Lisbon
14 bgs, Hinrich & Pearsall, Ingria, Lisbon
81 bgs, Mundet Cork Co, Ingria, Lisbon
WASTE—200 bgs, Chase National Bank, Ingria, Lisbon
135 bls, H Suhl, Exchester, Algiers
WOOD—70 bls, Armstrong Cork Co, Ingria, Lisbon
303 bls, Ingria, Lisbon
375 bls, Chase National Bank, Ingria, Lisbon
130 bls, H Suhl, Exchester, Algiers
CRYOLITE—100 bgs, Hamburg, Hamburg
CUTTLEFISH BONES—223 bxs, Frank Vliet Co, Exchester, Tunis
DERRIS ROOT—101 bls, S B Penick & Co, Silverlarch, Singapore
DEXTRIN—60 bgs, Morningstar-Nicol, Black Gull, Rotterdam
DICHLORODIFLUOROMETHANE—1 cs, Freeman & Slater, Hamburg, Hamburg
DISINFECTANT LIQUID—10 dms, M T Barfonn, Aquitania, Southampton
DOGWOOD BARK—62 bgs, Peek & Veisor, Talamanca, Kingston
DRUGS, CRUDE—20 cs, S B Penick & Co, American Merchant, London
6 cs, Chase National Bank, American Merchant, London
DYES—4 pkgs, Ozalid Corp, Bremen, Bremen
ALIZARIN—22 cks, General Dyestuff Corp, Bremen, Bremen
1 cs, E I duPont de Nemours Co, Carinthia, Liverpool
ANILIN—28 cks, 1 cs, General Dyestuff Corp, Bremen, Bremen
18 dms, Sandoz Chem Works, Normandie, Havre
79 cks, Geigy Co, Normandie, Havre
20 cks, Fulton Dye Import Co, Normandie, Havre
79 cans, 2 cs, Ciba Co, Normandie, Havre
22 bbls, Fulton Dye Import Co, De Grasse, Havre
107 kgs, Carbic Color & Chem Co, De Grasse, Havre
2 pkgs, General Dyestuff Corp, Hamburg, Hamburg
52 cans, Ciba Co, Paris, Havre
8 cyls, Sandoz Chem Works, Paris, Havre
21 cks, Geigy Co, Paris, Havre
112 kgs, 4 cans, 2 cs, Carbic Color & Chem Co, Paris, Havre
9 cks, Fulton Dye Import Co, Paris, Havre
FENNEL SEED—50 bgs, Peek & Velsor, Brazil, Buenos Aires
FERTILIZER—79 bgs, Inter-Maritime Forwarding Co, American Merchant, London
FILTER, COMPOUND—1,000 bls, Mager Bros, President Harding, Hamburg
MASS—4 cs, Aug Giese & Son, Hamburg, Hamburg
PAPER—17 cs, H Reeve Angel & Co, American Merchant, London
FISH SOUNDS—31 bls, F Henjes, Jr, Santa Rosa, Curacao
FLAXSEED—827 bgs, 1,819 bus, Brazil, Buenos Aires
982,000 kilos, 39,280 bus, Brazil, Buenos Aires
FLEAXSED—325 bgs, Volkart Bros, Silverlarch, Colombo
FULLER'S EARTH—1,000 bgs, L A Salomon & Bros, New York City, Cardiff
GELATIN, POWDERED—40 bbls, 1 kg, R D McLellan, Black Hawk, Rotterdam
SHEET—25 cs, R D McLellan, Volendam, Rotterdam
GINGER ROOT—3 bgs, Sion Solomon, Seatrain Havana, Havana
81 bgs, Barclay Bank, Talamanca, Kingston
GLASS, FLINT—17 cs, Gondrand Shipping Co, President Harding, Hamburg
PLATE—8 cs, S A Bendheim & Co, President Harding, Hamburg
2 cs, Sinaco Co, President Harding, Hamburg
2 cs, C Happel, Hamburg, Hamburg
1 cs, Semon, Bache & Co, Carinthia, Liverpool
5 cs, C Happel, Washington, Hamburg
1 cs, Globe Shipping Co, Washington, Hamburg
WINDOW—575 cs, Vitrea Co, President Harding, Hamburg
18 cs, Leo Popper & Sons, Hamburg, Hamburg
46 cs, W J Byrnes & Co, Hamburg, Hamburg
3 cs, Leo Popper & Son, Black Gull, Antwerp
58 cs, Semon, Bache & Co, Black Gull, Antwerp
1,000 cs, Black Gull, Antwerp
100 cs, Vitrea Co, Washington, Hamburg
1,150 cs, National City Bank, Jean Jadot, Antwerp
25 cs, De Gortes, Jean Jadot, Antwerp
5,177 cs, Jean Jadot, Antwerp
50 cs, National City Bank, Ilsenstein, Antwerp
GLUE, POWDERED—100 bgs, 50 cks, Rex & Reynolds, Excambion, Marseilles
20 cks, General Aniline Works, Volendam, Rotterdam
SHEET—90 bgs, Rex & Reynolds, Excambion, Marseilles
STONES—3 cs, Rex & Reynolds, Excambion, Marseilles
GLYCERIN—1 cs, Akatos, Inc, Hamburg, Hamburg
24 dms, C J Schelling Co, Seatrain Havana, Havana
GRAPHITE—3 cs, Whittaker, Clark & Daniels, Cottica, Paramaribo
GREASE—10 bbls, Robinson Wagner Co, Gerolstein, Antwerp
15 bbls, Gerolstein, Antwerp
WOOL—100 cks, Hummel Chem Co, Jean Jadot, Antwerp
GUM—60 bgs, American Merchant, London
ARABIC—25 bgs, Excambion, Marseilles
CHICLE—13 bls, Chicle Development Co, Talamanca, Kingston
GUM CHICLE—100 bgs, M D Bromberg, Talamanca, Kingston
COPAL—100 bskts, O G Innes Corp, Talisse, Amboina
114 bskts, France, Campbell & Darling, Talisse, Wahai
65 bgs, Thurston & Braidich, Talisse, Kokas
31 bskts, W H Scheel, Talisse, Macassar
95 bskts, S Winterbourne & Co, Talisse, Macassar
53 bskts, Mitsui & Co, Talisse, Macassar
190 bgs, O G Innes Corp, Talisse, Macassar
60 bgs, Gillespie Rogers Pyatt Co, Black Gull, Antwerp
40 bgs, France, Campbell & Darling, Jean Jadot, Antwerp
400 bgs, Ilsenstein, Antwerp
DAMMAR—300 bgs, Thurston & Braidich, Talisse, Batavia
100 cs, G W S Patterson & Co, Talisse, Batavia
210 bgs, O G Innes Corp, Talisse, Singapore
300 bgs, Thurston & Braidich, Simaloer, Batavia
140 bgs, O G Innes Corp, Silverlarch, Singapore
LOCUST BEAN—100 bgs, Stein, Hall & Co, Excambion, Alexandria
15 bgs, Paul A Dunkel & Co, Excambion, Genoa
15 bgs, Innis, Speiden & Co, Excambion, Genoa
65 bgs, Excambion, Genoa
MASTIC—14 cs, Ionian Bank, Excambion, Piraeus
NIGER—442 bgs, Chicle Development Co, West Irmo, Lagos
PENDARE—84 bls, Chicle Development Co, Ingrid, Port Spain
SANDARAC—30 bbls, Ingria, Casablanca
SOLUTION—1 cs, M Grumbacher, Volendam, Rotterdam
TRAGACANTH—1 cs, Hamburg, Hamburg
GYPSUM — 250 bgs, Hammill & Gillespie, Kyno, Hull
621 bgs, Whittaker, Clark & Daniels, Kyno, Hull
5 cks, American Merchant, London
HELIOTROPIN—2 cks, Aromatic Prod Co, Excambion, Marseilles
HERBS, MEDICINAL — 53 bls, Hamburg, Hamburg
8 bgs, Mormacport, Gdynia
41 bls, R J Prentiss & Co, Washington, Hamburg
HOPS—48 bls, Atlantic Forwarding Co, Normandie, Havre
212 bls, R F Downing & Co, President Harding, Hamburg
40 bls, Bode & Voigt, Hamburg, Hamburg
10 bls, Hamburg, Hamburg
60 cs, S S Steiner, Black Gull, Antwerp
5 bls, Holland American Line, Volendam, Rotterdam
127 bls, R F Downing & Co, Washington, Hamburg
20 bls, Washington, Hamburg
45 cs, 1 bl, S S Steiner, Jean Jadot, Antwerp
IRISH MOSS—30 bls, 10 bgs, Paris, Havre
IRON CHLORIDE—25 cks, 3,245 lbs, Philipp Bros, Hamburg, Hamburg
ORE—26 bgs, Pan American Steel & Alloys Co, Siboney, Havana
6 bgs, Pan American Steel & Alloys Co, Iriona, Livingston
1 bg, Pablo Suarez, Iriona, Livingston
OXIDE—10 cks, 2 tons, 16 cwt, 2 qtrs, 18 lbs, J Lee Smith & Co, Carinthia, Liverpool
225 bgs, T H Deutz, Volendam, Rotterdam
15 cks, Stanley Doggett, Volendam, Rotterdam
35 cks, Reichard-Coulston, Volendam, Rotterdam
ISINGLASS—10 cs, National Carloading Co, American Merchant, London
6 cs, American Merchant, London
LEAVES, MEDICINAL — 43 bls, Excambion, Marseilles
LICORICE PASTE—10 cs, Ingria, Marseilles
LIME JUICE—5 hhds, Ingrid, Roseau
LITHOPONE—400 cks, B Moore & Co, Volendam, Rotterdam
MACE—60 cs, B H Old & Co, Talisse, Amboina
MANGROVE BARK, EXTRACT—8,528 bgs, Philippine Cutch Corp, Tai Yang, Zamboanga
MANIOC MEAL—456 bgs, Simaloer, Cheribon
MATCHES, SAFETY — 204 cntrs, Guaranty Trust Co, Washington, Hamburg
MATE—15 cs, 6 cyls, Brazil, Buenos Aires
MEDICINAL PREPS—17 cs, E Fougera & Co, Normandie, Havre
4 cs, E Fougera & Co, De Grasse, Havre
1 cs, Chase National Bank, De Grasse, Havre
5 cs, Italian Drug Import Co, Conte di Savoia, Genoa
6 cs, Burroughs, Wellcome & Co, American Merchant, London
4 cs, J Personeni, Excambion, Genoa
MENTHOL—50 cs, Bridges, Neumer & Co, Tai Yang, Shanghai
25 cs, Kachurin Drug Co, Morviken, Kobe
65 cs, McKesson & Robbins, Morviken, Kobe
METHYLENE CHLORIDE—62 dms, Advance Solvents & Chem Co, Gerolstein, Antwerp
MOLYBDENUM ORE — 28 dms, Exchester, Casablanca
MOSS OAK—2 cs, Yardley & Co, American Merchant, London
MUSTARD SEED—300 bgs, Van Norden & Archibald, President Harding, Hamburg
500 bgs, American Merchant, London
MURU MURU KERNELS—1,429 bgs, General Food Corp, Polycarp, Para
NUTGALLS—98 bls, Excambion, Beyrouth
NUTMEGS—162 bgs, B H Old & Co, Talisse, Amboina
40 bgs, J F Frank, Talisse, Banda
52 bgs, Catz American Co, Talisse, Banda
82 cs, Catz American Co, Talisse, Macassar
200 bgs, Simaloer, Padang
50 bgs, Middleton & Co, Ingrid, Grenada
OCHER—36 bbls, Reichard-Coulston, Ingria, Marseilles
392 bgs, 20 cks, T H Deutz, Ingria, Sete
64 cks, 3,040 bgs, Reichard-Coulston, Excambion, Marseilles
80 cks, Scott L Libby Corp, Excambion, Marseilles
OIL—96 bbls, 60 cs, De Grasse, Havre
99 bbls, Ingria, Casablanca
4 dms, 1 cs, American Merchant, London
ALMOND—5 cs, Dodge & Olcott Co, Aquitania, Southampton
5 dms, 27 cs, Excambion, Marseilles
ANISE—10 dms, G Uhe & Co, Tai Yang, Hongkong
10 dms, Magnus, Mabee & Reynard, Tai Yang, Hongkong
BAMBOO—1 dm, H A Saffer, West Irmo, Matadi
CAMPHOR—10 dms, Dodge & Olcott Co, Tai Yang, Yokohama
3 dms, Geo Lueders & Co, Tai Yang, Yokohama

OIL, CANANGA—1 dm, A Chiris Co, Excambion, Marseilles
CASSIA—10 dms, Continental Bank & Trust Co, Tai Yang, Hongkong
CHINAWOOD—800 tons, Bank of China, Tai Yang, Hongkong
95 tons, Bank of California, National Assn, Tai Yang, Hongkong
CITRONELLA—12 dms, Talisse, Batavia
4 dms, Simaloer, Batavia
CLOVES—5 pkgs, Magnus, Mabee & Reynard, Volendam, Rotterdam
COCONUT—700 tons, Tai Yang, Manila
COD—77 dms, 73 bbls, Idefjord, Reykjavik
1,050 dms, E M Javitz Co, Idefjord, Aalesund
50 dms, 50 cks, Silmo Chem Corp, Fort Amherst, St Johns
10 dms, Martin Dennis Co, Fort Amherst, St Johns
62 bbls, Bowring & Co, Fort Amherst, St Johns
30 cks, Atlas Refinery, Fort Amherst, St Johns
104 cks, F W Damon, Fort Amherst, St Johns
50 bbls, Washington, Hamburg
CODLIVER—422 dms, Idefjord, Reykjavik
4 bbls, Idefjord, Bergen
285 dms, C L Huisking & Co, Idefjord, Aalesund
50 dms, Kachurin Drug Co, President Harding, Hamburg
375 dms, Consumers Import Co, Kyno, Hull
665 dms, McKesson & Robbins, Kyno, Hull
150 dms, Valentine Laboratories, Kyno, Hull
150 dms, Kyno, Hull
40 dms, H H Rosenthal Co, Washington, Hamburg
50 dms, Kachurin Drug Co, Washington, Hamburg
CORN—50 dms, Balfour, Guthrie & Co, Kyno, Hull
ESSENTIAL—6 dms, Pastores, Porto Barrios
34 cs, Normandie, Havre
16 pkgs, De Grasse, Havre
7 cks, President Harding, Havre
55 pkgs, Excambion, Marseilles
6 cs, Volendam, Rotterdam
5 cs, Washington, Lyon
6 cs, Washington, Basle
ESTER—1 dm, C H Powell, American Merchant, London
FUEL—83,000 bbls, Standard Oil Co of N J, Castor, Aruba
82,000 bbls, Standard Oil Co of N J, Gedania, Aruba
30,000 bbls, Colonial Beacon Oil Co, Phoebus, Aruba
49,000 bbls, Standard Oil Co of N J, Phoebus, Aruba
GERANIUM—2 dms, Corn Exchange Bank, Exchester, Algiers
LAVENDER—2 dms, Corn Exchange Bank, Excambion, Marseilles
LIME—4 cs, Middleton & Co, Ingrid, St Lucia
6 cs, Ingrid, Roseau
10 cs, Talamanca, Kingston
LINSEED—16 dms, C W H Carter, Tai Yang, Tientsin
LUBRICATING—10 bbls, Shell Union Oil Corp, Aquitania, Southampton
75 bbls, Gerolstein, Antwerp
225 dms, Heemsoth-Kerner Corp, Hamburg, Hamburg
60 dms, Jean Jadot, Antwerp
OITICICA—1 pkg, I R Boody & Co, Polycarp, Fortaleza
OLIVE—68 cs, Conte di Savoia, Naples
47 dms, Ingria, Nice
35 cs, Ingria, Lisbon
100 dms, Venice Import Co, Excambion, Piraeus
100 dms, Leghorn Trading Co, Excambion, Piraeus
75 dms, Lekas & Drivas, Excambion, Piraeus
5 dms, Welch, Holme & Clark, Excambion, Piraeus
350 dms, Smith-Weihman Co, Excambion, Piraeus
20 dms, British French Discount Bank, Excambion, Piraeus
50 dms, Bank of Athens, Excambion, Piraeus
40 dms, Banca Com'l Italian Bank, Excambion, Piraeus
405 cs, Excambion, Leghorn
1,175 cs, Excambion, Genoa
15 dms, J Anoriola, Excambion, Genoa
10 dms, Maggioras & Ronsos, Excambion, Genoa
116 dms, Atlantic & Pacific Tea Co, Excambion, Genoa
25 dms, Salvator & Laraja, Excambion, Genoa
50 cks, D & A Sclafani, Excambion, Genoa
50 cs, 25 dms, Excambion, Genoa
30 dms, J R Tolibia, Brazil, Buenos Aires
100 dms, Smith-Weihman Co, Exchester, Samos
25 dms, Comm'l Bank of Greece, Exchester, Piraeus
150 dms, Leghorn Trading Co, Exchester, Piraeus
100 dms, Lekas & Drivas, Exchester, Sfax
70 dms, Exchester, Sfax
OLIVE POOTS—100 dms, E M Sergeant Pulp & Chem Co, Exchester, Sfax
OLIVE SULPHUR—212 dms, Leghorn Trading Co, Ingria, Lisbon
95 dms, 67 bbls, Ingria, Lisbon
60,000 kilos, Leghorn Trading Co, Exchester, Pamphilia
102,837 kilos, Guaranty Trust Co, Exchester, Algiers
417,400 kilos, Guaranty Trust Co, Exchester, Sfax
ORANGE—6 dms, Excambion, Marseilles
6 dms, Guaranty Trust Co, Excambion, Marseilles
20 cs, Talamanca, Kingston
PALM—790 tons, Talisse, Belawan Deli
275 tons, Van Boomkamp & Co, Talisse, Belawan Deli
375 tons, Simaloer, Belawan Deli
538 tons, Banque Belge pour l'Etranger, Silverlarch, Belawan Deli
1,128 tons, Banque Belge pour l'Etranger, Silverlarch, Belawan Deli
940 tons, Silverlarch, Belawan Deli
826 tons, Balfour, Guthrie & Co, West Irmo, Matadi
PALM TREE—71 bgs, Lages, Bahia
PATCHOULI—1 dm, Chase Natl Bank, Simaloer, Batavia

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OIL, PEANUT—50 dms, I H Boody & Co, Black Hawk, Rotterdam
POPPYSEED—2 cs, Fezandie & Sperrle, De Grasse, Havre
RESIDUE—75 dms, Hamburg, Hamburg
ROSEWOOD—10 dms, Polycarp, Para
6 dms, Corn Exchange Bank, Polycarp, Para
10 dms, Guaranty Trust Co, Polycarp, Para
SHEANUT—21 dms, Balfour, Guthrie & Co, West Irmo, Cotonou
38 dms, Balfour, Guthrie & Co, West Irmo, Port Bouet
SUNFLOWER SEED—86 dms, Volendam, Rotterdam
OPIUM—16 cs, Hoffmann La Roche, Washington, Hamburg
ORTHOXYLENE—3 jugs, Volendam, Rotterdam
PAINT, SHIP—22 dms, M T Barfonn, Aquitania, Southampton
15 dms, 32 cs, M T Barfonn, Volendam, Rotterdam
PAPRIKA—50 bgs, Victor M Calderson & Co, Excambion, Marseilles
200 bgs, Washington, Hamburg
PEATMOSS—2,300 bls, Hamburg, Hamburg
2,078 bls, C K Ketel, Volendam, Rotterdam
1,300 bls, Tautmila, Riga
PEPPER, BLACK — 111 bgs, Far Eastern Representative, Talisse, Samarang
25,785 bgs, Simaloer, Oosthaven
243 bgs, Bank of New York Trust Co, Silverlarch, Oosthaven
225 bgs, Silverlarch, Oosthaven
WHITE—162 bgs, Simaloer, Tandjong Priok
84 bgs, Simaloer, Pangkol Pinang
408 bgs, Simaloer, Koba
756 bgs, Simaloer, Oosthaven
PETROLEUM, ASPHALT—33,876 bbls, Shell Union Oil Co, Pomella, Curacao
CRUDE—92,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
PHOSPHATE, PRECIP—253 bgs, Gerolstein, Antwerp
PIMENTO—102 bgs, Talamanca, Kingston
PITCH, BURGUNDY—100 pkgs, S B Penick & Co, Hamburg, Hamburg
STEARIN — 385 dms, A V Berner & Co, Kyno, Hull
POPPYSEED—100 bgs, 11,000 lbs, M Witsenburg, Black Hawk, Rotterdam
500 bgs, 55,000 lbs, Superintendence Co, Vigilant, Gdynia
100 bgs, 11,000 lbs, S Davis Co, Vigilant, Gdynia
700 bgs, 77,000 lbs, M Witsenburg, Vigilant, Gdynia
100 bgs, 11,000 lbs, Wagner Bros Feed Co, Vigilant, Gdynia
150 bgs, 16,500 lbs, Jewett & Sherman, Vigilant, Gdynia
100 bgs, 11,000 lbs, M Witsenburg, Volendam, Rotterdam
100 bgs, 11,000 lbs, A G Dunn Volendam, Rotterdam
300 bgs, 33,000 lbs, C M Van Sillevoldt, Volendam, Rotterdam
100 bgs, 11,000 lbs, American Bluefriesveen, Volendam, Rotterdam
300 bgs, 33,000 lbs, Mormacport, Gdynia
POTASH, BINOXALATE—25 cks, Gerolstein, Antwerp
MURIATE—816,500 kilos, N V Potash Export Mij, Jakob Maersk, Antwerp
OXALATE—20 cks, Gerolstein, Antwerp
PRUSSIATE—24 cks, Volendam, Rotterdam
SALT—21 kgs, American Merchant, London
SULPHATE—1,000 bgs, N V Potash Export Mij, Jakob Maersk, Antwerp
PYRETHRUM FLOWERS—250 bls, S B Penick & Co, Morviken, Otaru
QUASSIA CHIPS—6 bgs, H J Von Frankenburg, Talamanca, Kingston
QUICKSILVER—50 flasks, Leghorn Trading Corp, Conte di Savoia, Genoa
50 cks, Siboney, Vera Cruz
RAPESEED—50 bgs, Levy & Levis Co, Volendam, Rotterdam
250 bgs, Volendam, Rotterdam
RESIN—5 cs, Astoria Import & Mfg Co, Polycarp, Para
6 cs, Paul Bertuch & Co, Polycarp, Para
100 cs, Santo Domingo & Co, Polycarp, Para
OAKMOSS—2 cs, A Chies Co, Excambion, Marseilles
RHUBARB—12 cs, S B Penick & Co, Tai Yang, Shanghai
ROSEMARY LEAVES—31 bls, Ingria, Marseilles
SABADILLA SEED—34 bgs, R J Waddell & Co, Cottica, La Guaira
SAGO FLOUR—1 cs, H P Winter & Co, Talisse, Macassar
372 bgs, Stein, Hall & Co, Talisse, Singapore
SARDINE MEAL—2,000 bgs, Mitsubishi-Shoji-Kaisha, Morviken, Seishin
SEAWEED MEAL—300 bgs, Idefjord, Aalesund
SHEEP DIP—800 cs, Wm Cooper & Nephews, American Merchant, London
SHELLAC—50 cs, A Hurst & Co, Hamburg, Hamburg
SOAP—7 cs, R F Downing & Co, Aquitania, Southampton
40 cs, Ingria, Marseilles
43 cs, J E Bernard & Co, American Merchant, London
1,375 cs, Conti Prod Corp, Excambion, Leghorn
BASE—141 cs, Yardley & Co, American Merchant, London
SADDLE—75 cs, Salomon & Philipps, American Merchant, London
STEARIC ACID—7 cs, Yardley & Co, American Merchant, London
TOILET—10 cs, Titan Shipping Co, American Merchant, London
6 cs, R F Downing & Co, Paris, Southampton
SODA, HYDROSULPHITE — 100 dms, Hamburg
35 kegs, 3 tons, 16 cwt, 2 qtrs, 7 lbs, Philipp Bros, Carinthia, Liverpool
60 bbls, Ilsenstein, Antwerp
PHOSPHATE—15 cks, Black Hawk, Rotterdam
SILICOFLUORIDE—200 bgs, Hummel Chem Co, Alberta, Trieste
SULPHATE—2,174 bgs, W R Grace & Co, Santa Inez, Antofagasta
303 cks, 134 bgs, Advance Solvents & Chem Co, Ilsenstein, Antwerp
SPONGES—24 bls, J H Rhodes & Co, Munargo, Nassau
6 bls, Schroeder & Tremayne, Munargo, Nassau
46 bls, Munargo, Nassau
20 bls, Schroeder & Tremayne, Siboney, Havana
44 bls, Siboney, Havana
36 bls, Florida Sponge & Chamois Co, Oriente, Havana
4 bls, Oriente, Havana
REFUSE—11 bls, J H Rhodes & Co, Munargo, Nassau
19 bls, Schroeder & Tremayne, Munargo, Nassau
43 bls, Johns Manville Co, Munargo, Nassau
16 bls, Munargo, Nassau
19 bls, Oriente, Havana
SQUILL—80 bls, J L Hopkins & Co, Excambion, Marseilles
STARCH, POTATO — 150 bgs, Morningstar-Nicol, Black Gull, Rotterdam
250 bgs, Stein, Hall & Co, Volendam, Rotterdam
RICE—300 bgs, Stein, Hall & Co, Volendam, Rotterdam
SULPHUR—63 bgs, Santa Inez, Antofagasta
TALLOW, VEGETABLE — 565 bls, East Asiatic Co, Tai Yang, Shanghai
TAPIOCA FLOUR—5,035 bgs, Corn Product Refg Co, Leif, Porto Plata
1,103 bgs, Manufacturers Trust Co, Talisse, Pasoeroen
560 bgs, Talisse, Pasoeroean
272 bgs, Stein, Hall & Co, Talisse, Sourabaya
250 bgs, Philadelphia National Bank, Talisse, Cheribon
260 bgs, Chase National Bank, Talisse, Cheribon
500 bgs, Talisse, Cheribon
250 bgs, Talisse, Batavia
500 bgs, Bank of Manhattan, Talisse, Tegal
280 bgs, Java American Export Co, Talisse, Pasoeroean
260 bgs, Chase National Bank, Simaloer, Cheribon
250 bgs, Guaranty Trust Co, Simaloer, Cheribon
476 bgs, Simaloer, Cheribon
250 bgs, Central Hanover Bank, Simaloer, Tjilatjap
251 bgs, Java American Export Co, Simaloer, Batavia
500 bgs, Chase National Bank, Simaloer, Batavia
500 bgs, Simaloer, Batavia
1,500 bgs, Stein, Hall & Co, Silverlarch, Cheribon
312 bgs, Balfour, Guthrie & Co, Silverlarch, Pamanoekan
971 bgs, Stein, Hall & Co, Silverlarch, Batavia
TARTAR—519 bgs, Charles Pfizer & Co, Ingria, Marseilles
195 bgs, Standard Brands, Ingria, Marseilles
THYME LEAVES—20 bls, Ingria, Marseilles
TONKA BEANS—20 cs, Polycarp, Para
VALONIA, BEARD — 692 bgs, Exchester, Chanak
CUPS—4,380 bgs, Lund & Co, Exchester, Chanak
VANADIUM—2,264 bgs, Vanadium Corp, Iricons, Callao
VANILLA BEANS—11 cs, Talisse, Samarang
6 cs, Talisse, Batavia
5 cs, Simaloer, Batavia
23 cs, Integrity Trust Co, De Grasse, Havre
24 cs, Thurston & Braidich, Siboney, Vera Cruz
5 cs, Lo Curto & Funk, Excambion, Marseilles
11 cs, National City Bank, Excambion, Marseilles
21 cs, Excambion, Marseilles
21 cs, Irving Trust Co, Excambion, Marseilles
10 cs, Dammann & Smeltzer, Excambion, Marseilles
20 cs, Marine Midland Trust Co, Excambion, Marseilles
VETIVER—4 bls, Peek & Velsor, Simaloer, Batavia
WATER, MINERAL—1,200 cs, E & J Burke, Ingria, Marseilles
150 cs, American Merchant, London
85 cs, Maxfield & McLeer, American Merchant, London
100 cs, H S Dorf & Co, American Merchant, London
50 cs, J Petrosemolo, Excambion, Genoa
WAX, BEES—18 seroons, Porcella, Vicini & Co, Leif, Porto Plata
56 bgs, Sylvio Gaguine, Lages, Santos
50 bgs, Lages, Rio Janeiro
33 bgs, Iriona, Livingston
4 seroons, Porcella, Vicini & Co, Medea, Monte Christi
16 bgs, Meeke & Co, Medea, Azua
4 bls, Strahl & Pitsch, Ingria, Lisbon
14 bls, Strohmeyer & Arpe Co, Ingria, Lisbon
30 bls, Ingria, Lisbon
24 bgs, Oriente, Havana
30 pkgs, Gillespie & Co, Cottica, Port Prince
CARNAUBA—502 bgs, Strohmeyer & Arpe Co, Polycarp, Parnahyba
377 bgs, American Cyanamid & Chem Co, Polycarp, Parnahyba
188 bgs, Strahl & Pitsch, Polycarp, Parnahyba
39 bgs, National City Bank, Polycarp, Parnahyba
188 bgs, Guaranty Trust Co, Polycarp, Parnahyba
125 bgs, Polycarp, Parnahyba
447 bgs, Guaranty Trust Co, Polycarp, Ceara
146 bgs, Lenape Trading Co, Polycarp, Ceara
112 bgs, Brown Bros-Harriman Co, Polycarp, Ceara
112 bgs, Central Hanover Bank, Polycarp, Ceara
23 bgs, A Hurst & Co, Polycarp, Ceara
442 bgs, S C Johnson Son, Polycarp, Ceara
143 bgs, Polycarp, Ceara
MONTAN — 200 bgs, Innis, Speiden & Co, President Harding, Hamburg
1,125 bgs, Strohmeyer & Arpe Co, Hamburg, Hamburg
OZOKERITE — 30 bgs, Heemsoth-Kerner Corp, Hamburg, Hamburg
30 bgs, Strahl & Pitsch, Washington, Hamburg
REFINED—1,694 bgs, Standard Oil Co of N J, Talisse, Palembang
3,388 bgs, Standard Oil Co of N J, Simaloer, Palembang
VEGETABLE—200 cs, Strohmeyer & Arpe Co, Morviken, Kobe
10 bgs, Heemsoth Kerner Corp, Hamburg, Hamburg
YEAST—44 cks, 1 cs, E E Marks & Co, President Harding, Hamburg
25 bbls, Dal International Trading Co, Mormacport, Gdynia
ZINC, OXIDE—35 bbls, Philipp Bros, Gerolstein, Antwerp
1 bx, Goodyear Tire & Rubber Co, American Merchant, London
1 bx, Goodyear Tire & Rubber Co, Brazil, Buenos Aires
ZINC-AMMONIA CHLORIDE—21 cks, American Cyanamid & Chem Co, Black Gull, Antwerp

New York Transit Imports

COCOA BEANS—1,000 bgs, Ambrosia Chocolate Co, Lages, Bahia, Milwaukee
ERGOT—10 cs, Parke Davis & Co, Hamburg, Hamburg, Detroit
OIL, CODLIVER—180 dms, Kyno, Hull, Milwaukee
PALM—216,617 kilos, Wilson & Co, Black Gull, Rotterdam, Chicago
PAPRIKA—75 bgs, E E Marks & Co, Washington, Hamburg, Chicago
25 bgs, S R Kodrick, Washington, Hamburg, Cleveland
50 bgs, Namnes Forwarding Co, Washington, Hamburg, Chicago
100 bgs, G W Sheldon & Co, Washington, Hamburg, Chicago
75 bgs, Gallagher & Ascher, Washington, Hamburg, Chicago
PIMENTO — 100 bgs, Talamanca, Kingston, Cincinnati
SALTCAKE—770,880 kilos, Vigilant, Gdynia, Jacksonville
SPONGES—65 bls, Munargo, Nassau, London
16 bls, Munargo, Nassau, Antwerp
3 bls, Munargo, Nassau, Rotterdam
5 bls, Munargo, Nassau, Havre
60 bls, Siboney, Havana, Havre
REFUSE—48 bls, Munargo, Nassau, London
9 bls, Munargo, Nassau, Rotterdam
21 bls, Munargo, Nassau, Havre

Baltimore Imports

BLOOD, DRIED—4,072 bgs, Wiegand, Buenos Aires
2,032 bgs, Wiegand, Montevideo
BONES—442 tons, Wiegand, Buenos Aires
BONE MEAL—2,280 bgs, Exminster, Bourgas
514 bgs, Breedijk, Rotterdam
552 bgs, Lehigh, Hamburg
BRONZE POWDER—13 cs, National Car Loading Co, Satartia, Hamburg
CHEMICALS—25 csks, Breedijk, Rotterdam
CLAY, RAW—120 cs, Lehigh, Bremen
VALLENDAR—300 bbls, Breedijk, Rotterdam
COCOA SHELL RESIDUE—3,000 bls, Breedijk, Rotterdam
FISH MEAL—1,000 bgs, Wiegand, Buenos Aires
IRON ORE—7,530 tons, Temple Moat, Whyalla
21,800 tons, Bethlehem Steel Co, Marore, Cruz Grande
21,300 tons, Bethlehem Steel Co, Lebore, Cruz Grande
MANGANESE ORE—1,500 tons, City of Corinth, Calcutta
1,000 tons, City of Rayville, Calcutta
1,000 tons, New Orleans, Calcutta
9,490 tons, Chaucer, Potl
MOLASSES—1,345,951 gls, Cuba Distilling Co, Cassimir, Tanamo
MYROBALANS—800 bgs, City of Rayville, Bombay
OIL, COD—4 bbls, 29 dms, Lehigh, Hamburg
FUEL—70,000 bbls, Standard Oil Co of N J, Sildra, Aruba
58,000 bbls, Standard Oil Co of N J, Beaulieu, Aruba
PEATMOSS—3,290 bls, Lehigh, Bremen
1,350 bls, Satartia, Hamburg
1,150 bls, Breedijk, Rotterdam
427 bls, Lehigh, Hamburg
SALTPETER—175 bgs, Lehigh, Bremen
SESAME SEED—322 bgs, City of Corinth, Colombo
SODA SILICOFLUORIDE—200 bgs, Satartia, Hamburg
SUGARBEET SEED—306 bgs, Mormacport, Gdynia
TANKAGE—2,205 bgs, Wiegand, Buenos Aires
ZINC CONCENTRATES—2,000 tons, Wiegand, Santa Fe

Boston Imports

ACID, CRESLIC—25 dms, 5 tons, 10 cwt, 3 qtrs, 7 lbs, Carinthia, Liverpool
STEARIC—30 triple bgs, 2 tons, 6 cwt, 2 qtrs, 5 lbs, Carinthia, Liverpool
BARYTES — 400 bgs, 44,092 lbs, Belvedere, Genoa
200 bgs, 22,046 lbs, Amasis, Bremen
CALCIUM HYPOPHOSPHITE—24 cs, Angier Chemical Co, Carinthia, Liverpool
CARDAMOM—10 cs, President Monroe, Bombay
CHEMICALS—500 bgs, 25 cks, 124,946 lbs, Chemical Marketing Co, Amasis, Hamburg
234 bgs, 38,690 lbs, Brown Bros-Harriman Co, Amasis, Hamburg
COCOA BEANS—2,378 bgs, Calumet, Lagos
1,600 bgs, Calumet, Takoradi
5,068 bgs, Cie Francaise l'Afrique Occidentale, Calumet, Takoradi
751 bgs, Cie Francaise l'Afrique Occidentale, Calumet, Port Bouet
4,225 bgs, Balfour, Guthrie & Co, Calumet, Port Bouet
2,891 bgs, Balfour, Guthrie & Co, Calumet, Assinee
3,825 bgs, Balfour, Guthrie & Co, Calumet, Grand Bassam
500 bgs, Kaipara, Cristobal
3,684 bgs, Balfour, Guthrie & Co, New Toronto, Lagos
800 bgs, Afram Trading Corp, New Toronto, Accra
3,200 bgs, Balfour, Guthrie & Co, New Toronto, Winneba
7,029 bgs, Balfour, Guthrie & Co, New Toronto, Cape Coast
2,172 bgs, Cie Francaise de l'Afrique Occidentale, New Toronto, Cape Coast
2,571 bgs, Balfour, Guthrie & Co, New Toronto, Salt Pond
7,040 bgs, Balfour, Guthrie & Co, New Toronto, Port Bouet
728 bgs, Cie Francaise de l'Afrique Occidentale, New Toronto, Takoradi
COLOR, DRY—5 cs, Croxall Chemical & Supply Co, American Importer, Liverpool
EMERY STONE — 1,763,680 lbs, Exchester, Kiuliuk
GLASS, WINDOW—7 cs, 4,530 lbs, Langlotz & Co, Amasis, Hamburg
GLUESTOCK, FISH—9 pkgs, J R Poole Co, Yarmouth, Yarmouth
1 bbl, Reba Fisheries, Yarmouth, Yarmouth
HIDE—208 bgs, First National Bank, American Importer, Liverpool
260 bgs, Atlantic Gelatine Co, Nova Scotia, Liverpool
GLYCERIN, SAPONIFICATION — 25 dms, 30,077 lbs, Ferncliff, Buenos Aires
GUM, LOCUST BEAN—20 bgs, President Monroe, Genoa
INK, PRINTING—2 cs, 577 lbs, Amasis, Hamburg
IRON, OXIDE—5 csks, American Importer, Liverpool
80 bgs, 15 dms, Reichard Coulston, American Importer, Liverpool
MAGNESITE, CALC—28 csks, Schofield Donald & Co, American Importer, Glasgow
MEDICINAL PREPS—2 cs, Chong Lung, President Monroe, Hongkong
1 cs, Hong Jan, President Monroe, Hongkong
2 cs, Quong Wo Lung, President Monroe, Hongkong
OIL, COCONUT—2,034 tons, Philippine Refining Corp, Silverteak, Cebu
COD—55 dms, Marden Wild Corp, Connoisseur, Halifax
49 bbls, from Nova Scotia
FUEL—33,000 bbls, 1,386,000 gls, Colonial Beacon Oil Co, Phoebus, Aruba
PALM—462 half tons, Silverlarch, Belawan Deli
368 tons, Balfour, Guthrie & Co, New Toronto, Port Harcourt
352 tons, Balfour, Guthrie & Co, New Toronto, Calabar
PEANUT—20 cs, Chong Lung, President Monroe, Hongkong
10 cs, Hong Jan, President Monroe, Hongkong
80 cs, Quong Wo Lung, President Monroe, Hongkong
SPERM—5 dms, American Importer, Glasgow
PEATMOSS—1,000 bls, 114,860 lbs, Tautmila, Riga
300 bls, 72,664 lbs, Amasis, Bremen
POTASH, CHLORATE—600 dms, 144,181 lbs, J Henry Schroeder Banking Corp, Amasis, Hamburg
QUEBRACHO EXTRACT—5,223 bgs, 567,555 lbs, American Tanners, Ferncliff, Buenos Aires
SAGO FLOUR—739 bgs, Industrial Trust Co, Silverlarch, Singapore
SHELLAC—25 cs, 5 bgs, 6,235 lbs, J Henry Schroeder Banking Corp, Amasis, Hamburg
SOAP, TOILET—4 cs, Lever Bros, Carinthia, Liverpool
SODA HYPOPHOSPHITE—19 cs, Angier Chemical Co, Carinthia, Liverpool
TALC—200 bgs, 44,092 lbs, Charles Mathieu, Belvedere, Genoa

TAPIOCA FLOUR—1,070 bgs, Balfour, Guthrie & Co, Silverlarch, Pamanoekan
TOILET PREPS—4 cs, Lever Bros, Carinthia, Liverpool
WAX, VEGETABLE—30 cs, Chase National Bank, Nozima, Mozi

Boston Transit Imports

MEDICINAL PREPS—1 cs, Sue Shang Co, President Monroe, Hongkong, Montreal
1 cs, Wing On & Co, President Monroe, Hongkong, Montreal
OIL, PEANUT—44 cs, Wing Tai Chong Co, President Monroe, Hongkong, Montreal
12 cs, Sue Shang Co, President Monroe, Hongkong, Montreal
5 cs, Wing On & Co, President Monroe, Hongkong, Montreal
SESAME—1 cs, Sue Shang Co, President Monroe, Hongkong, Montreal
STARCH—4 cs, Leong Jung Co, President Monroe, Hongkong, Montreal

Galveston Imports

GLUE, PITCH—6 crts, Effingham, Havre

Houston Imports

COCONUTS—100 sx, American Press, Cristobal
COPPERAS—100 tons, Burgerdijk, Antwerp
MUSTARD—31 cs, 5 dms, Burgerdijk, Rotterdam
DROSS—510 bgs, Burgerdijk, Rotterdam
PEATMOSS—1,850 bgs, 575 bls, Burgerdijk, Rotterdam

Los Angeles Imports

ANTIMONY ORE—85,000 lbs, from Mexico
BONE MEAL—544 bgs, 56,000 lbs, Fella, Yugoslavia
COCONUT, DESIC—1 ctn, 120 lbs, Tai Yang, Philippine Islands
COPRA MEAL — 600 bgs, 60,000 lbs, Silverbelle, Manila
CYANIDE SOLUTION—70 lbs, Pleasantville, Manila
GLASS, ROLLED—18 cs, 4,440 lbs, Pacific Grove, Birmingham
SHEET—19 — 3,090 lbs, Fella, Leghorn
OIL, MINERAL—55 dms, 27,720 lbs, from Antwerp
OLIVE—150 dms, 66,140 lbs, Fella, Marseilles
PALM—1,248,730 lbs, Saparoea, Medan
PEATMOSS—50 bls, 7,000 lbs, Moveria, Glasgow
1,000 bls, 152,320 lbs, Loch Monar, Rotterdam
SALTPETER—20 cks, 11,040 lbs, Schwaben, Hamburg
SCHEELITE ORE—182 bgs, 13,650 lbs, from Mexico
SHELLAC—325 bgs, 53,300 lbs, Saparoea, Calcutta
SEEDLAC—50 bgs, 8,200 lbs, Saparoea, Calcutta
STRAMONIUM LEAVES—200 bls, 67,500 lbs, Fella, Budapest
TALC—275 pkgs, 60,260 lbs, Fella, Turin
VANILLA BEANS—1,150 lbs, Fella, Marseilles
WATER, MINERAL—3,030 lbs, Fella, Vergeze, France
ZINC, OXIDE—6,610 lbs, Fella, Marseilles

New Orleans Imports

BAUXITE ORE—2,380 tons, Aluminum Ore Co, Dalvangen, Paramaribo
649 tons, Republic Mining & Mfg Co, Dalvangen, Trinidad
CHEMICALS—72 csks, Advance Solvents & Chemical Corp, Wasgenwald, Hamburg
20 csks, Wasgenwald, Hamburg
COCONUTS—200 sx, A Alamilla, Crawford Ellis, Belize
CUMIN SEED—20 sx, Recca, Marseilles
GUM CHICLE—2,202 bls, Mexican Exploitation Co, Crawford Ellis, Cozumel
40 bls, Chicle Development Co, Crawford Ellis, Belize
1,949 bls, Wm Wrigley, Jr, Crawford Ellis, Belize
MOLASSES—871,689 gls, Standard Brands, Castana, Puerto Tarafa
485,475 gls, Castana, Puerto Padre
MUSTARD BRAN—80 sx, Whitney Bank, Wasgenwald, Hamburg
OIL, CREOSOTE—6,500 tons, Continental Co, Adria, Salzaete
OLIVE—865 cs, Recca, Marseilles
30 cs, Recca, Genoa
PEATMOSS—3,985 bls, Wasgenwald, Bremen
PEPPER, BLACK—450 sx, Soekaboemi, Tandjong Priok
7,116 sx, Soekaboemi, Oosthaven
WHITE—258 sx, Soekaboemi, Tandjong Priok
TAPIOCA FLOUR—725 sx, Guaranty Trust Co, Soekaboemi, Tjilatjap
UREA—605 sx, United Fruit Co, Wasgenwald, Hamburg
ZINC OXIDE—125 bbls, Orbis Products Co, Recca, Marseilles

Norfolk Imports

BLOOD, DRIED—1,114 bgs, 110,237 lbs, Norbryn, Buenos Aires
BONES—2,276 bgs, 223,893 lbs, National Bank of Commerce, Norbryn, Buenos Aires
843 bgs, 88,937 lbs, Norbryn, Montevideo
CHINA CLAY—358 tons, 19 cwt, J W Higman & Co, New York City, Fowey
887 tons, 11 cwt, Paper Makers Imp Co, New York City, Fowey
CLAY, BALL—155 tons, J W Higman & Co, New York City, Fowey
70 tons, Paper Makers Imp Co, New York City, Fowey
FERTILIZER, NITROGENOUS—1,013 bgs, Manchester Producer, Manchester
IRON OXIDE—223 bgs, 5 cwt and 7 qtrs, Capulin, Liverpool
LEATHER WASTE—731 bgs, 10 tons and 8 cwt, Capulin, Liverpool
49 bls, and 996 bgs, Manchester Producer, Manchester
MANGANESE ORE—8,950 tons, Chase National Bank, N Y, Rajahstan, Poti, Russia
MICA, SCRAP—1,120 bgs, Malancha, Calcutta
OIL, PALM—64 tons, Adrastus, Belawan
QUEBRACHO EXTRACT—2,123 bgs, 231,362 lbs, American Tanners, Boston, Norbryn, Buenos Aires
TAPIOCA FLOUR—750 bgs, 74 tons, Chase National Bank, Adrastus, Batavia
2,200 bgs, 100 tons, H P Winter & Co, Adrastus, Batavia
579 bgs, H P Winter & Co, Adrastus, Batavia

Philadelphia Imports

ACID, CRESYLIC—25 dms, Manchester Brigade, Manchester
94 dms, Wm J Jones & Co, Artigas, Liverpool
25 dms, Artigas, London
PEANUT OIL—30 bbls, Noordam, Rotterdam
BONE MEAL—544 bgs, Alberta, Fiume
CANARY SEED—153 bgs, Ingria, Casablanca
CHEMICALS—77 bgs, 400 dms, Noordam, Rotterdam
400 cks, Advance Solvents & Chemical Co, Noordam, Rotterdam
154 bgs, Chase National Bank, Noordam, Rotterdam
750 bgs, Industrial Sales Corp, Black Hawk, Antwerp
100 bgs, 20 cks, Chemical Marketing Co, Black Hawk, Antwerp
300 bgs, Black Hawk, Antwerp
20 cks, 40 dms, Chemical Marketing Co, Black Hawk, Rotterdam
368 bgs, Koenigsberg, Bremen
CHINA CLAY—64,047 kilos, United Clay Mines Corp, Noordam, Rotterdam
CINCHONA BARK—432 bls, Noordam, Rotterdam
COALTAR DISTILLATE—10 dms, Monsanto Chemical Co, Manchester Brigade, Manchester
COCOA BEANS—3,770 bgs, Furness Withy & Co, Noordam, Rotterdam
5,104 bgs, W & A Leaman, Noordam, Rotterdam
2,000 bgs, Chase National Bank, Rio Pardo, Ilheos
2,000 bgs, Guaranty Trust Co, Rio Pardo, Ilheos
302 bgs, Ingria, Lisbon
4,800 bgs, Aram Trading Corp, Koenigsberg, Hamburg
ETHYL ACETONE—1 pkg, E I duPont de Nemours & Co, Black Hawk, Antwerp
FERROCHROME—2 cs, E F Houghton & Co, Artigas, Liverpool
FERROMANGANESE — 304,800 kilos, Arthur Tutein, Alberta, Sibenik
FERROSILICON—2 cs, E F Houghton & Co, Artigas, Liverpool
FLUX, ALUMINUM—1 dm, E F Houghton & Co, Artigas, Liverpool
COOPER—1 sk, E F Houghton & Co, Artigas, Liverpool
GLASS, WINDOW—3 cs, Biddle Purchasing Co, Black Hawk, Antwerp
44 cs, Black Hawk, Antwerp
GLYCERIN—251 dms, Barrwhin, Novorossisk
GRAPHITE — 250 bgs, Cingalese Prince, Colombo
GUM, COPAL SIFTINGS — 30 bgs, Black Hawk, Antwerp
DAMMAR—25 cs, Guaranty Trust Co, Cingalese Prince, Singapore
ILMENITE ORE—8,350 tons, Scottish Prince, Koilthottam
7,470 tons, King Frederick, Koilthottam
LICORICE ROOT—1,415 tons, MacAndrews & Forbes Co, Barrwhin, Poti
MACE—38 cs, Cingalese Prince, Macassar
MAGNESIA CARBONATE—10 cs, Schofield & Donald Co, Manchester Brigade, Manchester
MAGNESITE, CALC—100 bbls, Noordam, Rotterdam
MANGANESE ORE — 100 bgs, Ingria, Marseilles
MOLASSES—792,287 gls, North American Trading & Import Co, Marathon, Isabela de Sagua
1,214,807 gls, North American Trading & Import Co, Marathon, Havana
1,238,855 gls, Pennsylvania Shipping Co, Jenney, Pastelillo
NAPHTHALENE—1,000 bgs, J W Hampton Jr & Co, Black Hawk, Rotterdam
NICKEL CHROME—1 cs, E F Houghton & Co, Artigas, Liverpool
NUTMEGS—138 bgs, Cingalese Prince, Macassar
OIL, CORN—122,240 kilos, Noordam, Rotterdam
231,400 kilos, Black Hawk, Antwerp
75,971 kilos, Black Hawk, Rotterdam
COTTONSEED—1,074 dms, Rio Pardo, Natal
LUBRICATING—35 dms, Black Hawk, Antwerp
RAPESEED—314,435 tons, Nozima, Mozi
SULPHUR, OLIVE—177 dms, Ingria, Lisbon
OSSEIN—390 bgs, Black Hawk, Antwerp
PEATMOSS—1,610 bls, Marine Midland Trust Co, Noordam, Rotterdam
1,800 bls, 50 qtr bls, Koenigsberg, Bremen
PEPPER, BLACK—946 bgs, Catz American Co, Cingalese Prince, Oosthaven
241 bgs, Cingalese Prince, Saigon
PETROLEUM, CRUDE—88,190 bbls, Gulf Oil Corp, Eli Knudsen, Las Piedras
98,848 bbls, Atlantic Refining Co, Brunswick, Las Piedras
111,371 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
POPPYSEED—100 bgs, Noordam, Rotterdam
RAPESEED—200 bgs, Noordam, Rotterdam
250 bgs, First National Bank, Black Hawk, Antwerp
405 bgs, Koenigsberg, Bremen
RICE FLOUR—300 bgs, Stein, Hall & Co, Noordam, Rotterdam
STARCH—28 bbls, Stein, Hall & Co, Black Hawk, Antwerp
ROCK CRYSTALS—9 cs, Rio Pardo, Bahia
SHELLAC—1,500 bgs, Bank of London & South America, Mahseer, Calcutta
50 bgs, Guaranty Trust Co, Mahseer, Calcutta
125 bgs, Guaranty Trust Co, City of Rayville, Calcutta
150 bgs, Philadelphia National Bank, City of Rayville, Calcutta
SEEDLAC—250 bgs, Bank of London & South America, Mahseer, Calcutta
SODA SILICOFLUORIDE—200 bgs, Harshaw Chemical Co, Koenigsberg, Hamburg
STARCH, POTATO—250 bgs, Stein, Hall & Co, Noordam, Rotterdam
TAPIOCA FLOUR—500 bgs, Guaranty Trust Co, Simaloer, Batavia
500 bgs, Simaloer, Cheribon
500 bgs, Chase National Bank, Simaloer, Cheribon
500 bgs, Philadelphia National Bank, Cingalese Prince, Batavia
THYME LEAVES—60 bls, Ingria, Marseilles
TUBA ROOT—66 bls, Simaloer, Singapore
WAX, VEGETABLE—60 cs, Philadelphia National Bank, Nozima, Mozi
50 cs, Nozima, Mozi
45 bgs, J Henry Schroeder Banking Corp, Artigas, Glasgow

San Francisco Imports

ACID, CRESYLIC—25 dms, Balfour, Guthrie & Co, Moveria, Glasgow
52 dms, Moveria, Liverpool
1 dm, Moveria, Glasgow (for Oakland)
FATTY—100 sks, Otis, McAllister & Co, Tatuno, Kobe
10 sks, Willits & Co, Norfolk, Yokohama
AMMONIA CARBONATE—10 dms, Moveria, Glasgow
ARGOLS—494 sks, Bank of California, N A, Fella, Marseilles
ASPHALT—1 dm, 1 bbl, American Bitumels Co, Rosebank, Vancouver
BLEACHING POWDER—100 dms, Wilson & Geo Myer & Co, Schwaben, Antwerp
BLUE, ULTRAMARINE—7 cs, J R Mercantile Co, Fella, Marseilles
CALCIUM CHLORIDE—357 dms, Mitsui & Co, Tatuno, Moji
TARTRATE—375 sks, Bank of California, N A, Fella, Marseilles
CASSIA—40 bls, Coffee Products of America, Pleasantville, Hongkong
100 bls, S H Tyler & Son, Pleasantville, Hongkong
250 bls, D Hecht & Co, Pleasantville, Hongkong
25 bls, McClintock-Stern Co, Pleasantville, Hongkong
CHALK, GROUND—200 sks, Isar, Antwerp
831 sks, Bronnoy, Antwerp (for Oakland)
CHEMICALS—227 sks, Schwaben, Bremen
581 dms, Fella, Marseilles
CINNAMON QUILLS—75 bls, D Hecht & Co, Pleasantville, Hongkong
25 bls, Willits & Co, Pleasantville, Hongkong
COCOA BEANS—100 sks, Vandel Commercial Co, Ltd, Isar, Cristobal
250 sks, D Ghirardelli Co, Fella, Curacao
COCONUT, DESIC—4,108 cs, Durkee Famous Foods, Saparoea, Manila
COPRA—500 tons, Saparoea, Manila (for Oakland)
3,436 sks, Monterey, Pago Pago
500 tons, El Dorado Oil Works, Pleasantville, Zamboanga (for Oakland)
66 tons, El Dorado Oil Works, Pleasantville, Catanauan (for Oakland)
MEAL—2,000 sks, M W Park & Co, Silverbelle, Cebu
CORKWASTE—1,510 bls, Armstrong Cork Co, Isar, Bremen
DEGRAS—50 dms, Moveria, Liverpool
FLINT PEBBLES—400 sks, Amerika, Copenhagen
100 sks, Balfour, Guthrie & Co, Amerika, Copenhagen (for Oakland)
GAMBIER—85 cs, Bank of California, N A, Pleasantville, Asahan
GINGER ROOT—95 pkgs, Pleasantville, Hongkong
105 sks, G B Ollivant, Moveria, Liverpool
GLASS, WINDOW—1,000 cs, Flood Bros, Bullaren, Antwerp
12 cs, Bronnoy, Antwerp
8 cs, R K Davidson, Schwaben, Hamburg
6 cs, R K Davidson, Schwaben, Hamburg (for Oakland)
180 cs, Schwaben, Antwerp (for Oakland)
GUM COPAL—80 sks, France, Campbell & Darling, Saparoea, Manila
10 sks, Monterey, Suva
308 bskts, Silverbelle, Macassar
356 bskts, H W Peabody & Co, Silverbelle, Macassar
DAMMAR—100 cs, D Hecht & Co, Silverbelle, Batavia
HERBS, MEDICINAL—9 sks, Natures Herb Co, Schwaben, Hamburg
INK—5 cs, Kwong Hong Fat & Co, Pleasantville, Hongkong
MACE—14 cs, B C Ireland, Silverbelle, Macassar
OIL, CORN—4 bbls, Best Foods, Rosebank, Vancouver
COTTONSEED—10 bbls, Best Foods, Rosebank, Vancouver
OLIVE—215 dms, Fella, Leghorn
25 dms, G Granucci & Son, Fella, Genoa
100 dms, D F de Bernardi, Fella, Genoa
200 dms, Guriani & Bros, Fella, Marseilles
50 dms, Fella, Marseilles
PEANUT—5 bbls, East Asiatic Co, Silverbelle, Madras
PAPRIKA—30 sks, Western Butchers Supply Co, Schwaben, Hamburg
100 sks, S H Tyler & Son, Schwaben, Hamburg
50 sks, McClintock-Stern Co, Schwaben, Hamburg
PARAFFIN, REFD—678 sks, Patterson Shipping Co, Silverbelle, Palembang (for Alameda)
WHITE—400 sks, Shell Oil Co, Silverbelle, Balikpapan
800 sks, Shell Oil Co, Silverbelle, Balikpapan (for Alameda)
PEAT DUST—174 bls, Moveria, Glasgow
MOSS—1,350 bls, Peat Import Corpn, Isar, Bremen (for Oakland)
350 bls, Wilson & George Meyer & Co, Amerika, Gothenburg
250 bls, Wilson & George Meyer & Co, Amerika, Gothenburg (for Oakland)
300 bls, Peat Import Corpn, Schwaben, Bremen (for Oakland)
PETROLEUM, REFD—250 dms, Schou-Gallis Co, Ltd, Schwaben, Bremen
POTASH CHLORATE, POWD—250 dms, Uniform Chemical Products, Schwaben, Hamburg (for Oakland)
SHELLAC—75 sks, Saparoea, Calcutta
SILICA SAND—3,100 tons, Flood Bros, Bullaren, Antwerp
SOAP—20 cs, White House, Fella, Marseilles
STARCH—100 cs, Fung Chong, Pleasantville, Hongkong
53 cs, Wo Kee Co, Pleasantville, Hongkong
46 cs, Kwong Yick, Pleasantville, Hongkong
TAPIOCA FLOUR—360 sks, Guaranty Trust Co of N Y, Silverbelle, Batavia
50 sks, D Hecht & Co, Silverbelle, Batavia
100 sks, Guaranty Trust Co of N Y, Silverbelle, Cheribon
934 sks, Guaranty Trust Co of N Y, Silverbelle, Batavia (for Oakland)
136 sks, Guaranty Trust Co of N Y, Silverbelle, Cheribon (for Oakland)
SEED—121 sks, American Trust Co, Silverbelle, Sourabaya
WAX, MONTAN—225 bgs, Strohmeyer & Arpe Co, Schwaben, Hamburg (for Oakland)
VEGETABLE—20 cs, M S Cowen Co, Tatuna, Moji
WHITING, BOLTED—210 sks, Amerika, Norresundby

Savannah Imports

CALCIUM NITRATE—400 bgs, Topeka, Heroen
1,165 tons, Topeka, Heroen

Tampa Imports

BONE MEAL—300,545 kilos, Hedrun, Gdynia
PEATMOSS—300 pressed bls, Edam, Rotterdam
TOILET PREPS—1 ctn, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Adellin, January 28; Agwistar, January 28; Alex Van Opstal, January 20; Amapala, January 27; American Farmer, January 20; Antonia, January 20; Aquitania, January 21; Argentino, January 23; Ausonia, January 19; Bassano, January 24; Batory, January 19; Belle Isle January 20; Black Condor, January 30; Black Falcon, January 19; Caledonia, January 18; City of Dalhart, January 19; Cold Harbor, January 20; Cypria, January 24; Exchange, January 26; Exeter, January 27; Fernglen, January 26; Gunvor, January 27; Hallaren, January 20; Hokkai, January 21; Houghton Hall, January 21; Ile de France January 20; Independence Hall, January 21; Jamaica, January 21; Kaituna, January 24; Kim, January 28; Kongo, January 21; La Perla, January 5; Laila, January 27; Mormactide, January 23; New Brunswick, January 21; Ponce, January 22; Santa Paula, January 26; Scanyork, January 27; Silverplana, January 20; Steel Voyager, January 27; Tai Ping, December 30; Topdalsfjord, January 10; Vulcania, January 20; Washington, January 18; West Cusseta, January 20; Western Prince, January 21; Westernland, January 20

ACID, MURIATIC—20,104 lbs, Ponce, Ponce; 3,700 lbs, Jamaica, Limon
ALCOHOL—(Hallaren) 200 gls, Gothenburg; 250 gls, Stockholm
ALUMINA CHLORIDE—960 lbs, Cold Harbor, Manchester
ANTIMONY SULPHIDE—2,452 lbs, Antonia, Liverpool
ASPHALT—40,006 lbs, Alex Van Opstal, Antwerp; 66,415 lbs, Kaituna, Melbourne; 4,320 lbs, Black Falcon, Rotterdam; 44,160 lbs, Argentino, Rio de Janeiro; 12,216 lbs, Topdalsfjord, Oslo
LIQUID—18,112 lbs, Kaituna, Sydney; (West Cusseta) 20,000 lbs, Gothenburg; 14,497 lbs, Stockholm; 26,950 lbs, Malmo; 12,860 lbs, Topdalsfjord, Stavanger; 22,883 lbs, Caledonia, Glasgow
SOLID—50,760 lbs, Antonia, Liverpool
BENZIN—1,100 gls, New Brunswick, Monrovia
BENZOL—3,135 gls, Mormactide, Buenos Aires
BLEACHING POWDER—92,340 lbs, Mormactide, Buenos Aires
BLUE, VITRIOL—20,200 lbs, Amapala, Kingston
BUTYL ACETATE—5,292 lbs, West Cusseta, Stockholm
CALCIUM HYPOCHLORITE—6,175 lbs, Jamaica, Havana
CHALK, PRECIP—11,564 lbs, Hallaren, Stockholm
CHEMICALS—30,363 lbs, Hallaren, Stockholm; 1,383 lbs, West Cusseta, Stockholm; 6,010 lbs, American Farmer, London
AROMATIC—2,016 lbs, Black Falcon, Rotterdam
CLAY—20,400 lbs, Ausonia, London; 80,000 lbs, Topdalsfjord, Bergen
CLEANER—(City of Dalhart) 66,300 lbs, Honolulu; 32,400 lbs, Manila
COALTAR INTERMEDIATES—516 lbs, Alex Van Opstal, Antwerp; 40,069 lbs, Scanyork, Danzig
COBALT ORE—11,525 lbs, Hokkai, Osaka
CORN FLOUR—2,307 lbs, Cypria, Benguela
SUGAR—10,200 lbs, Alex Van Opstal, Antwerp
SYRUP—6,045 lbs, Ponce, San Juan; 2,415 lbs, Steel Voyager, Honolulu; 38,560 lbs, Hallaren, Abo; 14,908 lbs, West Cusseta, Gothenburg-Stockholm; (City of Dalhart) 6,100 lbs, Honolulu; 523 lbs, Hongkong
DEXTRIN—2,820 lbs, Kaituna, Sydney
CORN—8,460 lbs, Houghton Hall, Colombo; 6,768 lbs, Kaituna, Sydney; 7,100 lbs, Ausonia, London
DICHLORODIFLUOROMETHANE — (Scanyork) 857 lbs, Stockholm; 6,426 lbs, Gothenburg
DISINFECTANT, COALTAR—3,006 lbs, La Perla, Banes
DRUGS—4,796 lbs, Washington, Havre
DYES—(Houghton Hall) 47,115 lbs, Bombay; 7,884 lbs, Bombay; Calcutta; 44,067 lbs, Alex Van Opstal, Antwerp; 743 lbs, Jamaica, Havana; 1,559 lbs, Batory, Gdynia
ANILIN—5,500 lbs, Black Falcon, Rotterdam; 1,372 lbs, Scanyork, Stockholm
ERGOT—1,270 lbs, Batory, Gdynia; 1,089 lbs, Scanyork, Gdynia
ETHYLENEGLYCOL—27,600 lbs, American Farmer, London
FERROTUNGSTEN — 29,917 lbs, Hokkai, Osaka
FLUE DUST—57,140 lbs, Washington, Hamburg
GASOLINE—19,360 gls, Adellin, Havre; 2,150 gls, Argentino
AVIATION—275 gls, New Brunswick, Bissao
GELATIN—12,880 lbs, Kaituna, Melbourne; 1,442 lbs, Antonia, Liverpool
GLUCOSE—17,229 lbs, Cold Harbor, Manchester; 10,607 lbs, American Farmer, London
GLUE—708 lbs, West Cusseta, Stockholm
GREASE, LUBRIC—(Houghton Hall) 5,015 lbs, Bombay; 4,465 lbs, Calcutta; 1,136 lbs, Alex Van Opstal, Antwerp; (Kaituna) 12,886 lbs, Sydney; 661 lbs, Adelaide; (Laila) 10,230 lbs, Coquimbo; 6,660 lbs, Valparaiso; 6,224 lbs, Silverplana, Alexandria; 5,555 lbs, Jamaica, Havana; 1,170 lbs, Mormactide, Rio de Janeiro; 26,190 lbs, Antonia, Liverpool; (Washington) 19,451 lbs, Hamburg; 37,681 lbs, Westernland, Antwerp; 6,178 lbs, Black Falcon, Rotterdam; (Hallaren) 2,488 lbs, Gothenburg; 4,840 lbs, Stockholm; 1,761 lbs, Batory, Gdynia; 215,474 lbs, Cold Harbor, Manchester; 8,839 lbs, West Cusseta, Copenhagen; 182,110 lbs, Bassano, Newcastle; 72,312 lbs, City of Manila, Manila; 102,142 lbs, Tai Ping, Shanghai; 4,316 lbs, Ausonia, London; 6,228 lbs, Western Prince, Montevideo; (Topdalsfjord) 4,764 lbs, Bergen; 7,716 lbs, Oslo; (Cypria) 2,398 lbs, Lisbon; 882 lbs, Casablanca; 47,093 lbs, Algiers; 11,519 lbs, Marseilles; 3,610 lbs, Ile de France, Havre; 8,954 lbs, Caledonia, Glasgow; (Exeter) 14,186 lbs, Marseilles; 4,640 lbs, Alexandria; 1,580 lbs, Beirut; 2,523 lbs, Aquitania, Plymouth; 9,984 lbs, American Farmer, London; 4,510 lbs, Exchange, Istanbul; (Kongo) 83,802 lbs, Yokohama; 664,262 lbs, Osaka; (New Brunswick) 1,480 lbs, Las Palmas; 604 lbs, Cotonou; (Hokkai) 23,791 lbs, Yokohama; 294,017 lbs, Osaka; 35,814 lbs, Moji; 6,472 lbs, Kobe
INK, PRINTING—8,841 lbs, City of Dalhart, Hongkong
WRITING—43,518 lbs, Antonia, Liverpool
INSECTICIDE—504 lbs, Topdalsfjord, Oslo
HOUSEHOLD—(Houghton Hall) 18,600 lbs, Bombay; 12,908 lbs, Calcutta; 29,520 lbs, Karachi; 16,560 lbs, Santa Paula, Cartagena
ISO OCTANE—900 lbs, Black Falcon, Amsterdam
KEROSENE—30,000 gls, Tai Ping, Manila
LACQUER—(Silverplana) 3,010 lbs, Bombay; 4,260 lbs, Calcutta; 2,350 lbs, Mormactide, Rio de Janeiro; 9,565 lbs, Tai Ping, Manila
THINNER—3,685 gls, Houghton Hall, Bombay; 550 gls, Tai Ping, Manila
LARD—6,100 lbs, Alex Van Opstal, Antwerp; (Ponce) 15,000 lbs, San Juan; 4,937 lbs, Ponce; 26,000 lbs, Mayaguez; (Santa Paula) 10,000 lbs, Puerto Colombia; 44,000 lbs, La Guaira; 9,262 lbs, Washington, Hamburg; (Westernland) 55,375 lbs, Southampton; 18,600 lbs, Antwerp; 439,840 lbs, Antonia, Liverpool; 212,685 lbs, Cold Harbor, Manchester; 12,400 lbs, Drottningholm, Gothenburg; (Bassano) 807,300 lbs, Hull; 292,500 lbs, Newcastle; 48,200 lbs, Aberdeen; 173,000 lbs, Ausonia, London; 18,263 lbs, Caledonia, Glasgow; 293,663 lbs, American Farmer, London; 72,525 lbs, Aquitania, Southampton; 16,900 lbs, Exchange, Malta
LINSEED CAKE — 6,174,585 lbs, Alex Van Opstal, Antwerp; (Black Falcon) 2,255,286 lbs, Antwerp; 2,342,675 lbs, Rotterdam
LITHOPONE—5,081 lbs, Jamaica, Havana
METHANOL—1,210 gls, Kaituna, Sydney
METHYL CHLORIDE—1,015 lbs, Westernland, Antwerp

NAPHTHA—7,150 gls, Cypria, Lisbon; (New Brunswick) 5,500 gls, Dakar; 29,000 gls, Conakry; 24,110 gls, Freetown; 220 gls, Port Bouet; 39,270 gls, Apapa
OIL, CORN—(Ponce) 12,237 lbs, San Juan; 4,375 lbs, Ponce
CREOSOTE—1,055 lbs, Jamaica, Havana
DIESEL—(New Brunswick) 14,850 gls, Freetown; 1,375 gls, Monrovia; 5,500 gls, Port Bouet; 17,150 gls, Lagos; 19,250 gls, Duala
ESSENTIAL—937 lbs, Mormactide, Buenos Aires; 524 lbs, American Farmer, London
GAS—(New Brunswick) 1,100 gls, Bissao; 2,750 gls, Sassandra; 1,650 gls, Port Bouet; 8,250 gls, Cotonou; 5,500 gls, Port Harcourt; 19,250 gls, Duala
LUBRICATING—(Houghton Hall) 6,100 gls, Bombay; 8,630 gls, Calcutta; 5,385 gls, Madras; 330 gls, Jeddah; 1,220 gls, Bombay-Calcutta; (Alex Van Opstal) 1,650 gls, Brussels; 4,740 gls, Antwerp; (Ponce) 13,090 gls, San Juan; 2,750 gls, Guanica; 3,190 gls, Belle Isle, St Johns; (Kaituna) 50,450 gls, Brisbane; 23,155 gls, Sydney; 45,210 gls, Melbourne; 5,005 gls, Adelaide; (Laila) 5,500 gls, Buenaventura; 550 gls, Callao; 3,245 gls, Mollendo; 3,575 gls, Iquique; 1,980 gls, Tocopilla; 9,075 gls, Antofagsta; 18,605 gls, Valparaiso; 6,475 gls, Talcahuano; (Santa Paula) 1,705 gls, Porto Cabello; 10,725 gls, La Rosa; 1,540 gls, Amapala, Kingston; 4,180 gls, Agwistar, Tampico; (Jamaica) 3,575 gls, Havana; 2,750 gls, Limon; (Mormactide) 23,210 gls, Rio de Janeiro; 4,345 gls, Buenos Aires; (Antonia) 2,200 gls, Karachi; 3,850 gls, Digbol; 5,880 gls, Liverpool; 6,725 gls, Washington, Havre; 15,100 gls, Westernland, Antwerp; 440 gls, Black Falcon, Rotterdam; (Hallaren) 825 gls, Gothenburg; 10,890 gls, Stockholm; 6,600 gls, Halmstad; (Vulcania) 2,475 gls, Algiers; 560 gls, Scutari; 4,830 gls, Batory, Gdynia; 1,100 gls, Cold Harbor, Manchester; 2,035 gls, West Cusseta, Stockholm; 3,462 gls, Drottningholm, Gothenburg; (Bassano) 1,650 gls, Hull; 840 gls, Aberdeen; (Argentino) 10,450 gls, Santos; 2,640 gls, Montevideo; 100 gls, Buenos Aires; (City of Dalhart) 5,500 gls, Manila; 2,475 gls, Shanghai; 275 gls, Tai Ping, Manila; 21,450 gls, Ausonia, London; 1,375 gls, Western Prince, Montevideo; (Topdalsfjord) 4,550 gls, Norway; 2,650 gls, Stavanger; 11,816 gls, Bergen; 26,754 gls, Oslo; (Cypria) 1,050 gls, Lisbon; 1,210 gls, Bilbao; 472 gls, Casablanca; 2,575 gls, Oran; 1,540 gls, Bone; 1,100 gls, Philippeville; 385 gls, Marseilles; 5,675 gls, Haiphong; (Independence Hall) 4,850 gls, Havre; 6,762 gls, Bordeaux; (Ile de France) 1,925 gls, Dunkirk; 12,375 gls, Havre; (Scanyork) 9,450 gls, Copenhagen; 336 gls, Gdynia; 8,400 gls, Prague; 2,090 gls, Stockholm; (Exeter) 7,828 gls, Marseilles; 4,074 gls, Tunis; 25,685 gls, Alexandria; 1,625 gls, Beirut; (Fernglen) 2,715 gls, Alexandria; 580 gls, Haifa; 550 gls, Beirut; 11,650 gls, American Farmer, London; (Exchange) 3,080 gls, Piraeus; 2,750 gls, Istanbul; (Kongo) 14,120 gls, Kobe; 141,075 gls, Yokohama; 25,850 gls, Moji; 144,430 gls, Osaka; (New Brunswick) 1,030 gls, Las Palmas; 880 gls, Freetown; 4,420 gls, Takoradi; 1,925 gls, Saltpond; 405 gls, Lome; 7,170 gls, Lagos; 925 gls, Port Harcourt; (Hokkai) 43,110 gls, Yokohama; 10,675 gls, Osaka; 16,500 gls, Kobe; 22,145 gls, Caledonia, Glasgow
NEATSFOOT—9,465 lbs, Westernland, Antwerp; 1,905 lbs, Independence Hall, Bordeaux
OLEO—11,829 lbs, Black Falcon, Rotterdam; 23,802 lbs, Hallaren, Stockholm; 143,108 lbs, Caledonia, Glasgow
PALM, COMP—13,945 lbs, Mormactide, Buenos Aires
SULPHONATED—2,098 lbs, Cold Harbor, Manchester; 16,971 lbs, Exeter, Marseilles
TRANSFORMER—(Topdalsfjord) 1,375 gls, Norway; 550 gls, Oslo
VEGETABLE—16,110 lbs, Jamaica, Havana
PAINT—14,108 lbs, Mormactide, Rio Janeiro; 11,555 lbs, Hallaren, Stockholm; 1,380 lbs, Drottningholm, Gothenburg; 3,534 lbs, Argentina, Rio Janeiro; (City of Dalhart) 15,414 lbs, Honolulu; 53,175 lbs, Manila; 3,379 lbs, Cypria, Lisbon; 5,150 lbs, American Farmer, London
THINNER—18,250 gls, Tai Ping, Manila
PARAFFIN—69,156 lbs, Houghton Hall, Calcutta; 11,277 lbs, Laila, Buenaventura; (Santa Paula) 31,615 lbs, Porto Colombia; 22,675 lbs, Cartagena; 15,150 lbs, La Perla, Santiago; 768,452 lbs, Agwistar, Tampico; 15,601 lbs, Westernland, Antwerp; 16,684 lbs, Black Falcon, Amsterdam; (Hallaren) 13,668 lbs, Norrkoeping; 56,484 lbs, Stockholm; 33,286 lbs, Vulcania, Trieste; 22,687 lbs, Cold Harbor, Liverpool; 60,060 lbs, West Cusseta, Copenhagen; 33,900 lbs, Bassano, Newcastle; 55,750 lbs, Argentina, Buenos Aires; (Cypria) 200,640 lbs, Leixoes; 22,360 lbs, Lisbon; 68,842 lbs, Exchange, Malta
SCALE—10,090 lbs, Black Falcon, Amsterdam; 73,579 lbs, Caledonia, Glasgow; 24,160 lbs, Lisbon; 10,090 lbs, Black Falcon, Amsterdam; 253,858 lbs, Exchange, Pireaus
PETROLATUM, MED—16,472 lbs, Kaituna, Melbourne
PETROLEUM, REFD—(Ponce) 15,000 gls, San Juan; 10,000 gls, Ponce; 2,000 gls, Aguadilla; 2,750 gls, Mormactide, Rio Janeiro; 500 gls, Cypria, Dilolo; (New Brunswick) 5,000 gls, Dakar; 11,000 gls, Conakry; 17,000 gls, Freetown; 1,000 gls, Sassandra; 500 gls, Takoradi
PHENOL, CRUDE—1,027 lbs, Jamaica, Havana
POLISH—29,380 lbs, City of Dalhart, Manila
POTASH BROMATE—1,072 lbs, Cold Harbor, Manchester
CAUSTIC—(Cold Harbor) 4,609 lbs, Manchester; 13,892 lbs, Liverpool
RESIN, SYNTH—8,510 lbs, Kaituna, Sydney; 4,274 lbs, Antonia, Liverpool; 24,315 lbs, Ile France, Havre; 2,600 lbs, American Farmer, London
ROSIN—(Kaituna) 9,642 lbs, Melbourne; 7,210 lbs, Sydney; 1,545 lbs, Jamaica, Havana
SOAP—(Ponce) 17,100 lbs, Ponce; 25,500 lbs, Mayaguez; 7,950 lbs, Aguadilla; 10,340 lbs, Laila, Callao; 395,400 lbs, Tai Ping, Manila
LAUNDRY—6,915 lbs, Steel Voyager, Hilo
SODA, ASH—(Houghton Hall) 14,100 lbs, Calcutta; 3,015 lbs, Colombo; 67,272 lbs, Agwistar, Tampico; 2,860 lbs, Jamaica, Limon; 216,528 lbs, Argentino, Rio Janeiro
BICHROMATE — 28,775 lbs, Mormactide, Buenos Aires
BISULPHITE—9,315 lbs, Agwistar, Tampico
CAUSTIC—(Laila) 21,450 lbs, Buenaventura; 17,936 lbs, Pisco; 190,185 lbs, Agwistar, Tampico; (Steel Voyager) 20,115 lbs, Honolulu; 275,100 lbs, Kukuihaele; 151,950 lbs, Jamaica, Havana
CYANIDE—26,340 lbs, Laila, Pisco
HYDROSULPHITE—2,750 lbs, Jamaica, Havana
HYPOSULPHITE—5,710 lbs, Jamaica, Havana
PHOSPHATE—42,893 lbs, Cold Harbor, Liverpool
PHOSPHATE, TRI—11,360 lbs, Caledonia, Glasgow
STARCH—15,036 lbs, Cold Harbor, Manchester; 6,792 lbs, Caledonia, Glasgow
CORN—(Ponce) 3,538 lbs, San Juan; 17,100 lbs, Ponce; 4,953 lbs, Guanica; 3,450 lbs, Steel Voyager, Honolulu; 1,619 lbs, City of Dalhart, Hongkong; 12,700 lbs, Ausonia, London; 11,280 lbs, Topdalsfjord, Stavanger; 22,640 lbs, Ferngien, Beirut
TALLOW—14,126 lbs, Vulcania, Naples
TANNING EXTRACT—34,698 lbs, Alex Van Opstal, Antwerp; 33,362 lbs, Kaituna, Melbourne
TURPENTINE—2,500 gls, Argentino, Buenos Aires
VANADIUM PENTOXIDE—2,550 lbs, Hokkai, Kobe
VARNISH—2,470 lbs, Mormactide, Buenos Aires; 2,493 lbs, West Cusseta, Helsingfors
WITCH HAZEL EXTRACT—496 lbs, Kaituna, Melbourne

Baltimore Exports

Clearance Dates

Astri, January 28; Bonheur, January 24; City of New York, January 27; Lagaholm, January 28; Manchester Producer, January 27; Mormacrey, January 27

CLEANER—10,000 lbs, City of New York, Durban
COPRA CAKE—300 tons, Lagaholm, Norrkoeping/Stockholm
DEXTRIN—6,800 lbs, City of New York, Durban
FIRECLAY—13,300 lbs, Bonheur, La Plata
GLASS FRIT, CRSHD—41,000 lbs, Manchester Producer, Manchester
GREASE, LUBRIC—26,213 lbs, Manchester Producer, Liverpool
IRON SAND—24,642 lbs, Astri, Rio Janeiro
LEAD ARSENATE—2,016 lbs, City of New York, Capetown
OIL, LUBRICATING—561 bbls, Manchester Producer, Liverpool
SMALTZ, YELLOW—2,050 lbs, Irisbank, Manila
SODA, ASH—61,200 lbs, Irisbank, Manila
CAUSTIC—112,370 lbs, Irisbank, Hongkong
STARCH, CORN—2,295,480 lbs, Manchester Producer, Manchester; 70,750 lbs, City of New York, Port Natal
TITANIUM DIOXIDE—1,200 lbs, Mormacrey, Buenos Aires

Beaumont Exports

Clearance Dates

Glenpool, January 30; Oakman, January 25; San Tiburcio, January 31

BLACK, CARBON—(Oakman) 1,120 bgs, Avonmouth; 1,850 bgs, Glasgow
OIL, GAS—54,383 bbls, San Tiburcio, United Kingdom via Lizard
PETROLEUM, CRUDE—61,160 bbls, Glenpool, Havana
SOAPSTOCK, COTTONSEED—100 bbls, Oakman, Glasgow
SULPHUR—1,300 bgs, Oakman, Glasgow

Boston Exports

Clearance Dates

Belvedere, February 2; Black Eagle, February 2; Breedijk, January 31; Cameronia, February 2; Excambion, January 30; Malancha, January 30; Nozima, February 4; Samaria, January 28; West Irmo, February 3; Yarmouth, January 28, February 2

ALUMINA OXIDE—1,233 bgs, and 57 kgs, 139,008 lbs, Malancha, London
AMMONIA, ANHYD—193 cyls, 28,950 lbs, West Irmo, Port Marshall
ASBESTOS FIBER — 1,440 bgs, Belvedere, Trieste; 10,388 bgs, Nozima, Kobe
BLACK, LAMP—3 bxs, 180 lbs, Yarmouth, St John, N B
BRISTLES—19 cs, 2,056 lbs, Yarmouth, St John, N B
CEMENT—2 cns, 72 lbs, Malancha, London
CAN—7 dms, 371 gls, Samaria, Capetown; 1 dm, 40 lbs, Malancha, London
CLAY—177 dms, 22 tons, Malancha, London
FERTILIZER—4 bgs, 400 lbs, Yarmouth, Windsor, N S
DEXTRIN—14 bgs, 2,100 lbs, Yarmouth, Halifax
DRESSING, LEATHER—1 cs, 64 lbs, Samaria, Leicester
FLUX—4 dms, 540 lbs, Samaria, Capetown; 24 dms, 3,240 lbs, Black Eagle, Rotterdam
GARNET ROCK—4 dms, 1,172 lbs, Malancha, London
GLUE—9 crtns, 133 lbs, Yarmouth, Halifax, N S
GREASE, LUBRIC—3 dms, 719 lbs, Samaria, Liverpool
HARDENING COMP—1 bdl, 10 lbs, Yarmouth, Yarmouth
INK, PRINTING—1 bx, 83 lbs, Samaria, Manchester; 200 dms, 87,647 lbs, Cameronia, Glasgow
LACQUER—4 bbls, 208 gls, Black Eagle, Wiltz
LINING COMP—5 crtns, 370 lbs, Yarmouth, Yarmouth; (Black Eagle) 1 dm, 454 lbs, Rotterdam; 20 dms, 9,617 lbs, Basle
MEDICINAL PREPS—500 bxs, 2,500 gls, Malancha, London; 20 cs, 1,143 lbs, Breedijk, Der Haag
MICA, POWDER—45 bgs, 4,500 lbs, Malancha, London; 50 bgs, 5,025 lbs, Black Eagle, Newcastle-on-Tyne
OIL, FLOOR—1 cs, 90 lbs, Excambion, Cairo
HALIBUT LIVER—9 cs, 652 lbs, Malancha, London
LUBRICATING—1 cs, 20 gls, Samaria, Liverpool; 22 dms, Yarmouth, St John, N B
NEATSFOOT—15 dms, 6,199 lbs, Black Eagle, Worms
PASTE, ADHES—10 dms, 410 lbs, Black Eagle, Rotterdam
POLISH—4 cs, 373 lbs, Malancha, Bombay; 1 pl, 25 lbs, Samaria, Birmingham
REVIVER—2 cs, 17 gls, Yarmouth, St John, N B
SHELLAC COMP—5 crtns, 300 lbs, Yarmouth, St John, N B
SOAP—110 crtns, 2,445 lbs, Samaria, Leeds
TEXTILE COMP—10 dms, 542 gls, Black Eagle, Antwerp
TURPENTINE, WOOD—2 dms, 110 gls, Yarmouth, St John, N B
WAX—2 cs, 900 lbs, Malancha, London
FLOOR—1 cs, 100 lbs, Yarmouth, St John, N B

Galveston Exports

Clearance Dates

Buesten, January 25; Burgerdijk, January 28; Donax, January 30; Ettrickbank, January 31; Patrick Henry, January 26

BISMUTH METAL—25 tons, Patrick Henry, Havre
BLACK, CARBON—(Patrick Henry) 5 tons, Havre; 7 tons, Antwerp; (Burgerdijk) 50 cs, London; 50 cs, Amsterdam; (Ettrickbank) 6,600 bgs, 100 cs, Sydney; 7,000 bgs, 250 cs, Melbourne
GASOLINE — 7,500 tons, Buesten, Nantes; 10,500 tons, Donax, Hamburg
GRAPEFRUIT JUICE—10 bbls, Ettrickbank, Sydney
MOLYBDENITE—(Burgerdijk) 264 tons, London; 30 tons, Antwerp
SULPHUR—25 tons, Patrick Henry, Havre; (Burgerdijk) 30 tons, London; 35 tons, Amsterdam; 400 bgs, Ettrickbank, Sydney

Houston Exports

Clearance Dates

Burgerdijk, January 26; Ida, January 30; Planter, January 26; Patrick Henry, January 28; Spencer Kellogg, January 28; Victoria City, January 28

BLACK, CARBON—(Planter) 448 bgs, Liverpool; 22,000 bgs, 35 cs, Manchester; (Burgerdijk) 110 tons, London; 10 tons, Antwerp; 70 tons, Rotterdam; 2,850 cs, Victoria City, Yokohama; (Patrick Henry) 375 cs, 2,916 bgs, Havre; 125 cs, 300 bgs, Antwerp; 2,000 bgs, Rotterdam; (Ida) 1,540 bgs, Trieste; 300 bgs, Bourgas; 7 cs, Istanbul
OIL, GAS—55,000 bbls, Spencer Kellogg, Curacao
COTTONSEED FOOTS—150 bbls, Planter, Liverpool
LUBRICATING—15 tons, Burgerdijk, Rotterdam; 338 tons, Ida, Fiume

Lake Charles Exports

Clearance Dates

Patrick Henry, January 25; Stelvio, January 30

PETROLEUM, CRUDE—70,000 bbls, Stelvio, Venice
TURPENTINE, WOOD — 1,613 gls, Patrick Henry, Antwerp

Los Angeles Exports

Clearance Dates

Bralanta, January 31; Don Jose, January 30; Dromus, January 31; Elizabeth Kellogg, January 24; La Placentia, January 25; Leme, January 26; President Taft, January 23; Rosebank, January 26; San Clemente, January 23; Siamese Prince, January 27

ACETONE—18 dms, 6,450 lbs, Leme, Beyrouth
ACID, CRESYLIC—577 dms, 256,860 lbs, Tatuno, San Antonio
BORATE—1,670 bgs, 226,390 lbs, Leme, Marseilles
BORAX—107 bgs, 11,980 lbs, President Taft, Hongkong
CHEMICALS—1,100 lbs, Siamese Prince, Manila
CLEANER—1,050 lbs, President Taft, Manila; 560 lbs, Hongkong
DIATOMACEOUS EARTH—(Leme) 544 bgs, 55,220 lbs, Marseilles; 1,371 bgs, 137,690 lbs, Funchal; 112 bgs, 11,200 lbs, Alexandria; 19 bgs, 1,520 lbs, Siamese Prince, Manila
GASOLINE—10,648 bbls, 2,779,130 lbs, Bralanta, Yokohama-Amagosaki; 96,279 bbls, 25,128,820 lbs, Dromus, Lands End
LACQUER—2,730 lbs, President Taft, Manila
MOLYBDENUM CONC—414 pkgs, 66,040 lbs, Leme, Marseilles
OIL, COTTONSEED—1,540 lbs, President Taft, Manila
DIESEL—25,301 bbls, 7,893,910 lbs, La Placentia, Vancouver
FLOTATION—10 dms, 4,380 lbs, Rosebank, Britannia Beach
FUEL—37,662 bbls, 12,541,450 lbs, Elizabeth Kellogg, Manila; 7,313 bbls, 2,435,230 lbs, Siamese Prince, Hongkong
GAS—1,511 bbls, 456,320 lbs, Siamese Prince, Saigon
LEMON—2,660 lbs, Leme, Marseilles
LUBRICATING—65 dms, 32,980 lbs, Leme, Beirut
PETROLEUM, CRUDE—91,112 bbls, 28,426,940 lbs, Bralanta, Yokohama-Amagosaki; 53,070 bbls, 16,557,840 lbs, La Placentia, Ioco
GAS, LIQ—63 cyls, 6,000 lbs, Rosebank, Victoria
TOILET PREPS—(Leme) 500 lbs, Panama City; 420 lbs, Kingston; 950 lbs, Athens

New Orleans Exports

Clearance Dates

Baja California, January 20; Bilderdijk, January 23; Cefalu, January 24; Contessa, January 17; Crawford Ellis, January 11; Hedrun, January 28; Morazan, January 5; Orotava, January 14; Santa Marta, January 17; Recca, January 30; Sixaola, January 4, 13; Sorvangen, January 31; Tegucigalpa, Januarv 26; Ulua, January 11

ACID, LACTIC—9 cks, Morazan, Vera Cruz
ASPHALT—23 bbls, Recca, Marseilles
GILSONITE—188 sx, Hedrun, Gdynia
BAKING POWDER—200 ctns, Ulua, Tela
BLACK, CARBON—(Bilderdijk) 14 tons, London; 1 ton, Antwerp; 5 tons, Rotterdam; 44 sx, Morazan, Vera Cruz; 50 cs, Hedrun, Gdynia
BORAX—3 tons, Tegucigalpa, Vera Cruz
BRAN—350 sx, Contessa, Havana; (Crawford Ellis) 50 sx, Santiago; 55 sx, Kingston; 14 sx, Santa Marta, Puerto Barrios
CALCIUM ARSENATE — 500 dms, Sixaola, Pisco
CHEMICALS—20 dms, Morazan, Vera Cruz; 120 ctns, Sorvangen, La Guaira
CLAY—54 tons, Bilderdijk, London; 25 sx, Sixaola, Cristobal
COTTONSEED HULL SHAVING PULP — 26 tons, Bilderdijk, London
CREOSOTE—5 dms, Cefalu, Panama City
DIATOMACEOUS EARTH—24 tons, Tegucigalpa, Vera Cruz
DRUGS—1 ton, Morazan, Vera Cruz
FERROMANGANESE—93 bbls, Morazan, Vera Cruz
FIRECLAY—12 tons, Crawford Ellis, Puerto Colombia
GASOLINE—300 dms, Crawford Ellis, Cartagéna; 80 dms, Baja California, Bluefields
GREASE, LUBRIC—14 dms, Contessa, Puerto Cabezas; 2 dms, Cefalu, Puerto Cabezas; 50 bbls, Recca, Saigon; 60 ctns, Sorvangen, Ciudad Trujillo; 151 dms, Tegucigalpa, Vera Cruz
INK—25 dms, 2 kits, Orotava, Valparaiso; 1 ton, Tegucigalpa, Vera Cruz
PRINTING—6 bbls, Morazan, Vera Cruz
KEROSENE—60 cs, Contessa, Puerto Cabezas; 24 dms, Sixaola, Puerto Limon; 100 dms, Santa Marta, Puerto Barrios; (Cefalu) 60 dms, Puerto Cabezas; 2 dms, Ceiba; (Sorvangen) 810 cs, Port au Prince; 4,016 cs, Ciudad Trujillo; 10 dms, 230 cs, Baja California, Bluefields
LARD—(Sixaola) 100 tins, 925 dms, Havana; 700 tins, Santa Marta; 100 tins, Guayaquil; 200 tins, Puerto Barrios; 300 tins, Ulua, Puerto Barrios; (Crawford Ellis) 4,300 tins, Puerto Colombia; 387 dms, 10 tcs, 24 crts, 10 cs, Santiago; 600 tins, Cartagena; 2,050 tins, Morazan, Vera Cruz; (Orotava) 200 tins, Buenaventura; 200 tins, Guayaquil; 500 tins, Santa Marta, Puerto Barrios; (Cefalu) 34 cs, Corozal; 225 tins, Panama; (Sorvangen) 415 tins, Port au Prince; 700 tins, Ciudad Trujillo; 200 tins, Puerto Cabello; (Tegucigalpa) 2,550 tins, Tampico; 225 tins, Vera Cruz; 1,450 tins, Sorvangen, La Guaira
SUBSTITUTE—65 cs, Santa Marta, Porto Barrios
LITHOPONE—800 sx, Contessa, Havana
MEDICINAL PREPS—35 cs, Sorvangen, Puerto Cabello
OIL, COOKING—50 cs, Santa Marta, Puerto Barrios
FUEL—502 dms, Santa Marta, Belize; 16,900 bbls, Cefalu, Ceiba; 1,250 bbls, Sorvangen, Moengo
LUBRICATING—(Contessa) 10 dms, Pacasmayo; 55 dms, Valparaiso; 29 dms, Puerto Cabezas; 32 dms, 20 ctns, Sixaola, Santa Marta; (Crawford Ellis) 165 dms, 260 ctns, Puerto Colombia; 64 dms, 28 ctns, Cartagena; 18 dms, 15 cs, Orotava, Panama; 20 dms, Cefalu, Puerto Cabezas; 465 bbls, Recca, Marseilles; 50 bbls, Hedrun, Gdynia; 235 ctns, Sorvangen, Ciudad Trujillo
PINE—4 dms, Sixaola, Havana
PAINT—(Contessa) 2 tons, Puerto Cabezas; 1 ton, Ceiba; (Sixaola) 13 dms, Havana; 2 tons, Puerto Barrios; 40 dms, Santa Marta, Puerto Barrios; 1 ton, Morazan, Vera Cruz
MATERIALS—23 pkgs, Sorvangen, Port au Prince; 65 tons, Bilderdijk, London; 150 sx, Sixaola, Puerto Colombia; 100 sx, Pimentel; 8,300 sx, Morazan, Vera Cruz; (Tegucigalpa) 3,214 sx, Tampico; 1,500 sx, Vera Cruz; 129 tons, Bilderdijk, Antwerp
PETROLATUM—1 ton, Bilderdijk, Rotterdam
PINETAR—10 dms, Contessa, Havana; 8 dms, Tegucigalpa, Vera Cruz
PITCH—6 dms, Tegucigalpa, Tampico
PROPANE—1,000 cyls, Sorvangen, La Guaira
ROSIN—(Sixaola) 50 dms, Puerto Colombia; 15 dms, Callao; 40 dms, Arica
GUM—80 dms, Sixaola, Buenaventura; 20 dms, Crawford Ellis, Santiago
WOOD—66 tons, Bilderdijk, London; 15 dms, Sixaola, Puerto Limon
SALT—(Contessa) 25 tons, Havana; 1 ton, Ceiba; (Sixaola) 151 tons, Havana; 22 tons, Cristobal; 2 tons, Ulua, Tela; (Santa Marta) 22 tons, Belize; 2 tons, Puerto Barrios; (Cefalu) 30 tons, Havana; 1 ton, Ceiba
SHRIMP BRAN—(Sixaola) 45 sx, Cristobal; 20 sx, Colon
SODA, SILICATE—150 sx, Cefalu, Ceiba
SULPHATE—1 ton, Tegucigalpa, Tampico
SOYBEAN MEAL—200 sx, Orotava, Panama; 800 sx, Cefalu, Havana
STEARIN—5 tons, Contessa, Ceiba
TANNING EXTRACT—22 tons, Tegucigalpa, Vera Cruz
TOILET PREPS—27 cs, Sorvangen, Willemstad
TURPENTINE—10 dms, Contessa, Havana; 15 dms, Sixaola, Havana
WOOD, PRESERVATIVE—14 dms, Cefalu, Porto Cabezas

Norfolk Exports

Clearance Dates

Black Heron, January 21; Exiria, January 24; Frode, January 24; Liberty, January 20; Mormacrey, January 23

ACETONE—330 dms, Liberty, London
ACID, ETHYLBUTRIC—1 cs, Liberty, London
ALCOHOL, BUTYL—50 dms, Liberty, London
OCTYL—2 dms, Liberty, London
BUTYL ACETATE—199 dms, Liberty, London
CATNIP HERB—1 bg, 4 bls, 879 lbs, Liberty, London
CHERRY BARK—5 bls, 2,247 lbs, Liberty, London
DEER TONGUE LEAVES—4 bls, 892 lbs, Frode, Copenhagen
DIETHYL SULPHATE—1 dm, Liberty, London
DIETHYLENEGLYCOL—10 dms, Liberty, London
ETHER—15 dms, Liberty, London
DIETHANOLAMINE—2 dms, Liberty, London
DIOXAN—1 dm, Liberty, London
ELM BARK—17 bls, 1,644 lbs, Liberty, London
ETHYLENE DICHLORIDE—10 dms, Liberty, London
ETHYLENEGLYCOL MONOBUTYL ETHER—25 dms, Liberty, London
MONOETHYL ETHER—199 dms, Liberty, London
MONOETHYL ETHER ACETATE—60 dms, Liberty, London
FIRECLAY—600 bgs, 60,600 lbs, Liberty, London
ISOPROPYL ACETATE—80 dms, Liberty, London
LICORICE ROOT—3 bbls, 828 lbs, Frode, Copenhagen
MEDICINAL PREPS—37 pkgs, 2,516 lbs, Liberty, London
METHYL CHLORIDE—11 cyls, Mormacrey, Santos
METHYLENE CHLORIDE—20 dms, 12,838 lbs, Liberty, London
MOLDING COMP—4 dms, 1,431 lbs, Exiria, Piraeus
OIL, CEDARWOOD—12 dms, 5,928 lbs, Exiria, Marseilles
PROPYLENEGLYCOL—3 dms, Liberty, London
SERPENTARIA ROOT—2 bls, 1 bg, Liberty, Hamburg; 2 bls, 2 bgs, 839 lbs, Black Heron, Rotterdam
SULPHUR DIOXIDE—10 cyls, 1,930 lbs, Frode, Copenhagen
TANNING EXTRACT—30 bgs, 4,500 lbs, Frode, Copenhagen
TRIETHANOLAMINE—20 dms, Liberty, London
WILD CHERRY BARK—5 bls, 2,247 lbs, Liberty, London

Philadelphia Exports

Clearance Dates

Adrastus, January 27; Black Condor, February 1; Malancha, January 28; Mormacrey, January 30; Noordam, February 2; Port Brisbane, February 1; San Angelo, January 28; Scanmail, January 31; Svaneholm, February 2

ACID, PHOSPHORIC — 23 bbls, Svaneholm, Stockholm
ASBESTOS, CRUDE—25 bgs, Malancha, London
BENZOL—(Mormacrey) 120 dms, Montevideo; 26 dms, Buenos Aires
BRAKE FLUID—2 dms, Black Condor, Antwerp
BUTYL ACTATE — 18 dms, Port Brisbane, Wellington
CAMPHOR, GRD—4 dms, Port Brisbane, Wellington

CEMENT, LINOLEUM—2 pls, Port Brisbane, Auckland
CHALK, POWD—246 pkgs, Black Condor, Antwerp
COCOA CAKE—640 pkgs, Noordam, Amsterdam
COLLODION COTTON—375 bbls, Malancha, London; 45 pkgs, 3 bxs, Black Condor, Rotterdam
DICHLORODIFLUOROMETHANE — 2 cyls, Port Brisbane, Auckland
ETHYL FLUID—256 dms, Malancha, London
FUNGICIDE—120 cns, Malancha, Erith; 1 bx, Black Condor, Rotterdam
GREASE, LUBRICATING—20 qtr dms, Adrastus, Semarang; (San Angelo) 8 dms, 4 cs, Panama; 1 dm, 8 pls, 1 cs, Lima; (Svaneholm) 2 bbls, Helsingfors; 10 dms, 11 kgs, 30 pls, Oslo; 7 dms, Stockholm; 14 pkgs, Noordam, Rotterdam
INK, SHOE—1 ctn, San Angelo, Corinto
INSECTICIDE—80 ctns, San Angelo, Lima; 1 dm, Mormacrey, Buenos Aires; 1 bx, Black Condor, Rotterdam
KEROSENE—1 dm, Port Brisbane, Wellington
LARD—100 tubs, Svaneholm, Stockholm
LICORICE PASTE—40 cs, Mormacrey, Buenos Aires; 75 cs, Malancha, London; (Black Condor) 50 pkgs, Rotterdam; 33 pkgs, Antwerp; 10 cs, Port Brisbane, Auckland
LINSEED CAKE—2,809 bgs, Black Condor, Antwerp; 3,539 bgs, Noordam, Rotterdam
MEDICINAL PREPS — 5 ctns, San Angelo, Colon
MENTHOL CRYSTALS—7 cs, Port Brisbane, Wellington
MINERALS—1 dm, samples, Malancha, London
MINERAL SPTS—2 dms, San Angelo, Cristobal
OIL, COALTAR—11 dms, Scanmail, Helsingfors
LUBRICATING—(Scanmail) 10 dms, Gothenburg; 65 dms, 20 bbls, Copenhagen; 5 dms, 443 cs, Gdynia; 200 dms, 10 half dms, Stockholm; (Adrastus) 25 cs, Penang; 50 dms, 133 pkgs, Port Swettenham; 63 ctns, Singapore; 356 pkgs, Belawan Deli, 848 pkgs, Batavia; 483 pkgs, Palembang; 50 pkgs, Padang; 35 pkgs, Sibolga; 249 pkgs, Samarang; 1,225 pkgs, Sourabaya; 105 pkgs, Macassar; 64 pkgs, Menado; 123 pkgs, Penang; 433 pkgs, Singapore; 344 pkgs, Bangkok; 13 dms, Cheribon; 46 dms, Semarang; (San Angelo) 10 dms, Cristobal; 74 cs, 8 dms, Panama; 7 cs, 45 dms, 1 ctn, Lima; (Mormacrey) 100 dms, Rio de Janeiro; 55 dms, Santos; 105 dms, 40 pkgs, Malancha, London; 85 pkgs, Black Condor, Antwerp; (Svaneholm) 3 dms, Helsingfors; 44 dms, Gothenburg; 18 dms, Stockholm; 15 ctns, Malmo; (Port Brisbane) 331 dms, 150 pls, 1 cs, Auckland; 14 pkgs, 36 dms, Lyttelton; 396 dms, 5 cs, 155 ctns, Wellington; 1 dm, Timaru; (Noordam) 7 pkgs, The Hague; 39 pkgs, Rotterdam
PAINT—6 dms, Mormacrey, Buenos Aires; 27 dms, 110 pls, Black Condor, Amsterdam
PARAFFIN—20 cs, Adrastus, Penang; 263 bgs, San Angelo, Valparaiso; 142 pkgs, Black Condor, Antwerp; (Svaneholm) 100 bgs, Halmstad; 84 bbls, Stugsund; 168 bbls, Stockholm; 30 bgs, Malmo; 17 bbls, Helsingborg
REFINED—30 bgs, Scanmail, Copenhagen
PETROLATUM—30 cs, 1 bx, Malancha, London
POLISH—10 ctns, San Angelo, Corinto
RESIN, COALTAR—29 dms, Malancha, London; 1 pkg, Black Condor, Amsterdam
RUTILE—12 dms, Malancha, London
SODA, CAUSTIC — (Adrastus) 460 dms, Batavia; 30 dms, Padang; 25 dms, Sibolga; 15 dms, Oosthaven; 20 dms, Tegal; 339 dms, Pladjoe; 50 dms, Cheribon; 250 dms, Samarang; 300 dms, Balik Papan; 600 dms, Sourabaya; 40 dms, Macassar; 30 dms, Menado
SILICATE—10 dms, San Angelo, Rivas
SOLVENT, AROMATIC—25 dms, Port Brisbane, Wellington
TANNER'S PATE—(Port Brisbane) 5 bbls, Auckland; 12 bbls, Lyttelton
TANNING MATERIAL—66 bbls, Mormacrey, Buenos Aires
TOLUOL—25 dms, Mormacrey, Buenos Aires
TURPENTINE—2 dms, Port Brisbane, Wellington
WAX, WATER—2 dms, Svaneholm, Helsingfors

Port Arthur Exports

Clearance Dates

Champagne, January 26; Cleopatra, January 24; Connecticut, January 24; Effingham, January 24; Europe, January 26; Genevieve Lykes, January 23; Inverlane, January 26; Oakman, January 24; Teddy, January 25

ASPHALT—40 dms, 10 cs, Connecticut, Antwerp
PETROLEUM—(Oakman) 191 bbls, 131 dms, Avonmouth; 2,571 bbls, Glasgow
BLENDING FLUID—55 bbls, Connecticut, Antwerp
GASOLINE—850 bbls, Genevieve Lykes, San Juan; 42,577 bbls, Connecticut, Dublin; (Europe) 51,888 bbls, Liverpool; 17,434 bbls, Antwerp
GREASE, LUBRIC—2 bbls, 77 dms, 44 cs, Connecticut, Antwerp; 65 bbls, Effingham, Genoa
KEROSENE—4,032 bbls, Connecticut, Dublin; 19,580 bbls, Europe, Liverpool
OIL, DIESEL—(Connecticut) 5,488 bbls, Antwerp; 3,726 bbls, Dublin
DIESEL—10,653 bbls, Europe, Liverpool
FUEL—1 cs, Connecticut, Antwerp; 51,861 bbls, Cleopatra, Malaga; 47,792 bbls, Teddy, Flushing; 86,038 bbls, Inverlane, Ceuta
LUBRICATING—27,854 bbls, 173 dms, 1 bx samples, Connecticut, Antwerp
LUBRICATING, BLACK—(Effingham) 130 bbls, 100 dms, Genoa; 35 dms, Naples; 38 dms, Venice
LUBRICATING, PALE—2 dms, Genevieve Lykes, San Juan; (Effingham) 685 bbls, 35 dms, 109 half bbls, Genoa; 82 bbls, 15 dms, 15 half bbls, Naples; 72 bbls, 10 dms, 14 half bbls, Venice; 50 dms, Oakman, Glasgow
PETROLEUM, CRUDE—109,163 bbls, Champagne, Port de Bouc-Etang de Berre

San Francisco Exports

Clearance Dates

Admiral Halstead, January 23; Bengkalis, January 17; Brandanger, January 19; Canada, January 16; Chipana, January 19; City of Baltimore, January 20; Henry Dundas, January 17; Kingsley, January 19; Knud Rasmussen, January 20; Manzyu, January 21; Morviken, January 16; President Polk, January 21; Richmond, January 16; San Demetrio, January 16; San Diego, January 16; Shoyo, January 20; Stentor, January 18; Tatuta, January 18; Thorshavn, January 21; Tigre, January 17; Wales, January 16

ACID, CITRIC—2 bbls, Bengkalis, Manila
FATTY—200 sks, Morviken, Panama City
MURIATIC—3 cs, 4 crbys, Bengkalis, Manila
SULPHURIC—30 crbys, Bengkalis, Manila
ALUMINA SULPHATE—1 kg, Chipana, Tegucigalpa
AMMONIA, ANHYD—17 cyls, Wales, Chile
APRICOT KERNELS—(Canada) 25 sks, Gothenburg; 50 sks, Copenhagen; 10 cs, Tigre, Oslo
ASPHALT—(Bengkalis) 1,386 bbls, Karachi; 27 dms, Bahrein; 492 dms, Colombo; 1,229 dms, Batavia-Samarang-Sourabaya; 10 dms, Brandanger, Peru; 17 dms, City of Baltimore, Panama; 1,521 dms, President Polk, Singapore; 366 sks, San Diego, France; 49 sks, Brandanger, Argentina; (President Polk) 136 sks, Osaka; 32 sks, Kobe g
GILSONITE—74 sks, Stentor, Shanghai; (President Polk) 54 sks, Kobe; 135 sks, Osaka
LIQUID—3 dms, 1 pl, Bengkalis, Al Khobar
BITUMINOUS SOLUT—1 dm, Bengkalis, Bahrein
BLEACHING POWDER—74 dms, President Polk, Manila
BLUE, DRY—2 cs, President Polk, Poona City
BONE ASH—5 bbls, Kingsley, Vancouver
BORAX—5 sks, Chipana, La Union
CANARY SEED—1 sk, Chipana, Santa Ana
CARBON BISULPHIDE—4 cs, Kingsley, Vancouver
DIOXIDE—90 cyls, President Polk, Manila
CEMENT, FLOOR-COVERING—5 cs, Brandanger, Peru
CHEMICALS—6 cs, 12 kgs, Bengkalis, Manila; 2 bbls, Kingsley, Victoria; (President Polk, 280 cs, Singapore; 14 dms, Osaka; 20 dms, Yokohama; 4 dms, 4 hlf dms, Manila
CHLORINE BLEACH, LIQ—50 cs, Bengkalis, Al Khobar; 100 cs, Knud Rasmussen, Puerto Armuelles
CINNAMON QUILLS—275 bls, Wales, Mexico; 40 bls, Morviken, Cuba; (Chipana) 3 bls, Tegucigalpa; 25 bls, San Jose de Guatemala; 10 bls, La Libertad
CLEANER—3 cs, Stentor, Manila; 55 cs, Bengkalis, Al Khobar
COALTAR—(Chipana) 5 dms, Santa Ana; 4 dms, La Libertad; 6 dms, San Salvador
COCOA BUTTER—167 cs, Stentor, Shanghai; 4 straps, Chipana, Acajutla
COLLODION—1 cs, Stentor, Hongkong
COLOR, DRY—47 cs, Wales, Costa Rica; 56 cs, San Diego, Curacao; 10 cs, 4 kgs, Bengkalis, Madras; (Chipana) 8 bbls, 40 cs, San Jose de Guatemala; 2 cs, La Libertad; (President Polk) 1 bbl, Al Khobar; 8 cs, Colombo
SOAP—1 cs, Chipana, Corinto
COPRA—389 sks, Morviken, Panama City
CREAM TARTAR—2 bbls, Chipana, Tegucigalpa
CUMIN SEED—1 dm, 1 sk, Wales, Costa Rica; (Chipana) 5 sks, San Salvador; 2 sks, Tegucigalpa; 5 sks, La Libertad
DISINFECTANT—4 cs, Chipana, Corinto
DRESSING, LEATHER — 16 pls, Bengkalis, Batavia
SHOE—3 cs, Kingsley, Vancouver
DYES—2 dms, Kingsley, Vancouver
EPSOM SALT—12 kgs, Chipana, Tegucigalpa
ETHER—6 cs, Stentor, Hongkong
FISHMEAL—70 sks, Wales, Costa Rica
FIRE EXTINGUISHER, LIQ—1 dm, Bengkalis, Al Khobar
GASOLINE — 100,000 bbls, San Demetrio, United Kingdom; 30 dms, Richmond, Vancouver; 40,361 bbls, Henry Dundas, Manila-Cebu; 400 dms, Admiral Halstead, Manila
AVIATION—14,892 bbls, Henry Dundas, Manila-Cebu
GLASS, PLATE—1 cs, Chipana, Amapala
SHEET — (President Polk) 2 cs, Saudi; 5 crts, President Polk, Al Khobar
WINDOW—9 cs, Bengkalis, Al Khobar
GLUE—1 dm, Kingsley, Calgary
GLYCERIN—10 cs, Bengkalis, Batavia
GREASE, LUBRIC — 12 dms, 73 pls, 2 cs, Richmond, Vancouver; (Bengkalis) 10 dms, Manila; 50 cs, Bahrein; 1 dm, Bombay; 20 cs, Tatuta, Tientsin; 25 dms, 5 pls, Chipana, La Union; 10 dms, 15 pls, President Polk, Singapore; (Admiral Halstead) 30 dms, 80 pls, 20 cs, Cebu; 10 dms, 145 cs, Manila
GUM, MASTIC—4 pls, Bengkalis, Al Khobar; 5 cs, President Polk, Manila
HOPS—5 bls, Morviken, Ecuador; 3 bls, President Polk, Nuwara Eliya
INK—1 pkg, Bengkalis, Medan
PRINTING — 1 cs, Bengkalis, Belawan; (Kingsley) 35 pls, Vancouver; 1 dm, 3 bbls, 4 pls, Calgary; (President Polk) 10 pls, Poona City; 5 dms, Singapore
WRITING—6 cs, President Polk, Manila
KEROSENE—300 cs, Wales, Costa Rica; 375 cs, Stentor, Hongkong
LACQUER — (Chipana) 36 cs, San Jose de Guatemala; 9 cs, La Libertad; 5 cs, President Polk, Al Khobar
THINNER—15 cs, 100 kgs, President Polk, Manila
LARD—150 tins, Wales, Costa Rica
LEAD, METALLIC, PASTE—1 pl, Bengkalis, Bombay
RED—60 cs, Bengkalis, Bahrein; 50 kgs, Stentor, Manila; 25 kgs, Chipana, San Salvador
WHITE—100 kgs, President Polk, Manila
WHITE, IN OIL—200 kgs, Stentor, Manila
LINSEED MEAL—5,000 sks, Canada, Copenhagen
LITHARGE—10 pls, Bengkalis, Manila; 40 bbls, 30 dms, President Polk, Manila
LITHOPONE—2,000 sks, Kingsley, Victoria
MEDICINAL PREPS—6 dms, 1 cs, Wales, Mexico
MILK POWDER—(Bengkalis) 72 cs, Cavite; 5 bbls, Iloilo
MILLET SEED—3 sks, Kingsley, Victoria
MINERAL SPTS—51 dms, Wales, Chile
NAPHTHALENE—1 pkg, Chipana, Tegucigalpa
NUTMEGS—2 sks, Chipana, Santa Ana
OIL, CHINAWOOD—54 dms, Brandanger, Argentina
COCONUT—20 dms, 100 cyls, Wales, Costa Rica; 15 dms, San Diego, Guatemala; 25 dms, Knud Rasmussen, Puerto Armuelles; 5 dms, Chipana, San Jose de Guatemala; 10 dms, City of Baltimore, Havana
COTTONSEED—20 dms, City of Baltimore, Havana; 50 dms, Admiral Halstead, Cebu
DIESEL—25,120 bbls, Henry Dundas, Manila-Cebu; 20 dms, Brandanger, Peru
ESSENTIAL—1 cs, Stentor, Manila
FISH, HARD—395 sks, Wales, Ecuador
GAS—4,948 bbls, Bengkalis, Manila
LUBRICATING—25 dms, Canada, Kingston; (Wales) 5 dms, Costa Rica; 15 dms, Chile; 100 dms, Ecuador; 5 dms, Peru; 121 dms, Richmond, Vancouver; (Bengkalis) 200 dms, Bombay; 100 dms, Madras; 50 dms, Cebu; 10 dms, Samarang; 10 dms, Sourabaya; 133 dms, Bahrein; 2 cs, Al Khobar; 2,441 bbls, Henry Dundas, Manila-Cebu; 10 dms, Tatuta, Tientsin; 5 dms, Brandanger, Peru; (Chipana) 13 dms, La Libertad; 7 dms, Corinto; 101 dms, 40 pls, 45 cs, La Union; 9 dms, San Jose de Guatemala; (City of Baltimore) 5 dms, Havana; 10 dms, Panama; (President Polk) 135 dms, 10 cs, Singapore; 110 dms, Manila; (Admiral Halstead), 2,305 dms, Cebu; 75 dms, Manila
NEATSFOOT—1 cs, Stentor, Manila
ORANGE—1 cs, Tatuta, Yokohama
PALM, CRUDE—5 dms, Chipana, Corinto
TRANSFORMER—21 dms, Wales, Bahrein
OXYGEN—11 cyls, Chipana, Corinto
PAINT—138 cs, 1 dm, Wales, Costa Rica; (San Diego) 1 cs, Curacao; 4 dms, Chile; (Bengkalis) 40 cs, 18 pls, Madras; 1 cs, Batavia; 33 pkgs, 5 cs, Manila; 4 cs, Ras Tanura; 15 pls, 14 cs, Brandanger, Peru; 4 cs, Kingsley, Calgary; (Chipana) 1 cs, San Jose de Guatemala; 17 cs, La Libertad; 4 kgs, 15 cs, San Salvador; (President Polk) 35 cs, 80 pls, 30 kgs, Al Khobar; 72 cs, Colombo; 2 cs, Admiral Halstead, Manila
ENAMEL—11 cs, President Polk, Al Khobar
PASTE—(Chipana) 10 cs, San Jose de Guatemala; 10 cs, Amapala
PREPARED—11 dms, 6 kgs, Brandanger, Peru; 810 cs, 16 kgs, Chipana, San Jose de Guatemala; (President Polk) 110 kgs, 113 cs, Manila; 96 kgs, 3 cs, Al Khobar
REMOVER—4 cs, Chipana, San Jose de Guatemala
THINNER—(Chipana) 2 dms, 2 cs, 8 kgs, San Jose de Guatemala; 4 cs, La Libertad
PASTE, LINOL—1 pl, 17 cs, Brandanger, Peru
PEPPER—2 dms, Wales, Costa Rica
BLACK—4 sks, San Diego, Guatemala; (Chipana) 10 sks, San Salvador; 4 sks, Santa Ana; 6 sks, La Libertad
PETROLATUM—20 cs, President Polk, Al Khobar
PETROLEUM, CRUDE—71,207 bbls, Shoyo, Tokuyama; 10,000 bbls, Thorshavn, Japan; 14,040 bbls, Manzyu, Japan
PRODUCTS—1 dm, Richmond, Vancouver
REFINED—32,135 bbls, Henry Dundas, Manila-Cebu
POLISH—1 cs, President Polk, Hongkong; 17 cs, Bengkalis, Al Khobar; 35 cs, Admiral Halstead, Cebu; 5 cs, Richmond, Vancouver
POTASH, ALUM—1 bbl, Chipana, Acajutla
ETYL XANTHATE—14 dms, Wales, Chile
PERMANGANATE—3 dms, Bengkalis, Manila
XANTHATE—5 dms, Kingsley, Calgary
PUTTY—2 cans, Bengkalis, Al Khobar; 1 cs, Chipana, San Jose de Guatemala; 1 crt, President Polk, Al Khobar
QUEBRACHO EXTRACT—22 sks, Kingsley, Vancouver
QUICKSILVER—25 flasks, Kingsley, Vancouver
RAPESEED—3 sks, Kingsley, Victoria
RESIN, SYNTH—5 bbls, Kingsley, Victoria
SHELLAC—2 bbls, Chipana, San Jose de Guatemala
DRY—5 bbls, Kingsley, Victoria; 1 cs, 1 sk, Chipana, La Libertad
SILICA SAND—40 sks, Bengkalis, Manila
SOAP—7 cs, President Polk, Hongkong
CHIP—10 cs, Bengkalis, Al Khobar
POWDER—60 cs, Bengkalis, Al Khobar
TOILET—50 cs, Bengkalis, Al Khobar; 500 cs, President Polk, Manila
SODA BICARBONATE—2 bbls, 10 kgs, Chipana, Tegucigalpa
TETRAPYROPHOSPHATE—100 kgs, Bengkalis, Al Khobar
PHOSPHATE, TRI—4 dms, President Polk, Al Khobar
XANTHATE—240 dms, Kingsley, Kimberly
SOLVENTS—1 cs, Canada, London; 70 dms, Richmond, Vancouver; 26 cs, Admiral Halstead, Manila
DRAIN-PIPE—25 cs, Bengkalis, Al Khobar
SPRAY—60 cs, 20 dms, President Polk, Singapore
STAIN, WOOD—72 cs, Admiral Halstead, Manila
SULPHUR—15 sks, San Diego, Guatemala; 44 sks, President Polk, Bangkok
TALLOW—100 dms, Chipana, San Jose de Guatemala
TAPIOCA FLOUR—(Chipana) 1 bbl, Acajutla; 3 sks, San Jose de Guatemala
TOILET PREPS—16 cs, Bengkalis, Sourabaya; (Chipana) 4 cs, San Jose de Guatemala; 2 cs, Acajutla; 1 cs, La Union; 16 cs, San Salvador
TURPENTINE—1 dm, Chipana, San Jose de Guatemala; 10 cs, President Polk, Al Khobar
VARNISH—(Chipana) 25 cs, San Jose de Guatemala; 1 dm, 2 cs, La Libertad; (President Polk) 30 cs, Manila; 10 cs, Saudi
WAX—3 cs, Wales, Mexico; 4 cs, Chipana, San Jose de Guatemala
ZINC DUST—106 cs, Chipana, Amapala
OXIDE—2 kgs, Chipana, Tegucigalpa

Savannah Exports

Clearance Dates

Neptuno, January 31; Nicolo Odero, February 1; San Bernardino, January 25; Trolleholm, January 26

CLAY—(Trolleholm) 1,600 bgs, Norrkoping; 426 bgs, Gdynia
OIL, PINE—(Trolleholm) 5 dms, Gothenburg; 21 dms, Wiborg
ROSIN—(Nicolo Odero) 329 bbls, Genoa; 10 bbls, Catania; 4 bbls, Messina; 4 bbls, Naples
GUM—1,041 bbls, Neptuno, Havana; (San Bernardino) 70 bbls, Callao; 40 bbls, Valparaiso; (Trolleholm) 228 bbls, Oslo; 1,160 bbls, Gothenburg; 9 dms, Helsingborg; 50 dms, 150 bbls, Copenhagen
PITCH—85 dms, Neptuno, Havana
SIZE, DRY—(Trolleholm) 90 bgs, Bergen; 90 bgs, Soderteilje; 224 bgs, Wiborg; 448 bgs, Mantyluoto; 180 bbls, Helsingfors
WOOD—(Trolleholm) 85 dms, Oslo; 45 dms, Bergen; 250 dms, Gothenburg
TURPENTINE—59 dms, Nicolo Odero, Genoa
GUM—10 dms, Neptuno, Havana; (San Bernardino) 50 dms, 120 cs, Callao; 25 cs, Pimentel; 70 dms, Valparaiso; (Trolleholm) 125 bbls, Gothenburg; 25 bbls, Stockholm; 300 bbls, Copenhagen
WOOD—(Trolleholm) 25 dms, Gothenburg; 50 bbls, Prague

Tampa Exports

Clearance Dates

Albert, January 28; Christian Krogh, January 27; Edam, January 31; Laguna, January 21; Margaret, January 27; Schwanheim, January 26

ACETYLENE—1 cyl, Laguna, Belize
GASOLINE—12 dms, Albert, Belize; 8 dms, Laguna, Belize
OIL, LUBRIC—5 dms, Laguna, Belize
OXYGEN—1 cyl, Laguna, Belize
PAINT, COPPER—1 cs, 1 ctn, Laguna, Cozumel
PEATMOSS—3 bls, Albert, Belize
PHOSPHATE—4,471 tons, Schwanheim, Hamburg; 2,837 tons, Margaret, San Juan; 4,000 tons, Edam, Antwerp
SUPERPHOSPHATE, TRI—895 tons, Christian Krogh, Matanzas

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—107,001 bbls, Esso Charleston, Baton Rouge; 71,357 bbls, Edward L Doheny, Baytown; 91,771 bbls, Esso Boston, Baytown; 91,702 bbls, John Worthington, Baytown
PETROLEUM, CRUDE—41,888 bbls, Dannedaike, Texas City; 68,489 bbls, Watertown, Linden, N J; 46,173 bbls, Amsco, New York; 148,760 bbls, Wm Rockefeller, Baytown; 74,932 bbls, Atlas, Baytown; 107,963 bbls, J A Moffett, Jr, Baytown; 54,639 bbls, Matinicock, Baytown; 44,683 bbls, Alpha, Baytown; 148,429 bbls, John D Archbold, Baytown; 139,969 bbls, W S Farish, Baytown; 80,110 bbls, S H Hunt, Baytown; 103,896 bbls, F Q Barstow, Baytown

Galveston Coast Trade

SULPHUR—(Herman F Whiton) 865 tons, Hoquiam; 500 tons, Oakland; 2,000 tons, Portland; 1,081 tons, Port Angeles; 1,189 tons, Bellingham; 865 tons, Tacoma; 1,000 tons, San Pedro

Los Angeles Coast Trade

GASOLINE—17,098 bbls, La Purisima, San Diego; 4,706 bbls, San Diegan, San Diego; 4,438 bbls, La Purisima, Seattle; 46,148 bbls, Dirigo, Seattle; 21,605 bbls, Warwick, Portland; 23,263 bbls, Edwin B de Golio, Tacoma; 61,271 bbls, Huguenot, Seattle; 69,087 bbls, Mojave, San Francisco; 8,800 bbls, Hagan, Martinez; 4,403 bbls, Tejon, Portland; 111,830 bbls, Daylight, Providence; 5,932 bbls, San Diegan, San Diego; 45,352 bbls, Mojave, Seattle; 6,227 bbls, San Diegan, San Diego; 52,584 bbls, Agwiworld, Portland; 61,266 bbls, Huguenot, Seattle; 17,209 bbls, Shenandoah, Port Arthur
KEROSENE DISTILLATE—7,038 bbls, Edwin B de Golio, Tacoma
OIL, DIESEL—2,231 bbls, La Purisima, San Diego; 2,667 bbls, San Diegan, San Diego; 4,705 bbls, La Purisima, Seattle; 23,077 bbls, Dirigo, Seattle; 21,498 bbls, Warwick, Portland; 3,697 bbls, Mojave, San Francisco; 16,000 bbls, Hagan, Martinez; 11,943 bbls, Tejon, Portland; 26,311 bbls, Mojave, Seattle; 1,451 bbls, San Diegan, San Diego; 10,662 bbls, Agwiworld, Portland
FUEL—7,083 bbls, La Purisima, San Diego; 67,894 bbls, Emidio, Avon; 6,948 bbls, Mojave, San Francisco; 50,159 bbls, Tejon, Portland; 63,447 bbls, Los Angeles, Tacoma; 2,213 bbls, Coast Farmer, Portland; 48,198 bbls, Torres, Portland; 4,862 bbls, Mojave, Seattle; 1,850 bbls, Scotia, Eureka; 20,294 bbls, Huguenot, Seattle
FURNACE—6,605 bbls, La Purisima, Seattle; 3,773 bbls, Dirigo, Seattle; 6,506 bbls, Warwick, Portland; 20,396 bbls, Huguenot, Seattle; 3,078 bbls, Mojave, San Francisco; 11,000 bbls, Hagan, Martinez; 72,368 bbls, W S Miller, Providence; 4,043 bbls, Mojave, Seattle; 5,678 bbls, Agwiworld, Portland
GAS—33,982 bbls, La Purisima, Oleum; 73,840 bbls, Emidio, Avon
LUBRICATING—37,734 bbls, Shenandoah, Port Arthur
SOLVENTS, CLEANING—2,203 bbls, La Purisima, Seattle

Cargo Ship Arrivals

February 4 to February 17

New York

Alaskan	San Francisco*	Feb 10
American Farmer	London*	Feb 13
American Importer	Manchester*	Feb 7
American Merchant	London	Feb 6
Ashkhabad	Leningrad*	Feb 10
Astrea	Maracaibo*	Feb 13
Atenas	Puerto Barrios*	Feb 9
August	Hernosand*	Feb 15
Ausonia	Havre*	Feb 14
Barrwhin	Novorossisk*	Feb 9
Batory	Gdynia*	Feb 12
Bergensfjord	Oslo*	Feb 17
Bertha Fisser	Hernosand*	Feb 8
Binnendijk	Rotterdam	Feb 15
Black Falcon	Rotterdam*	Feb 15
Black Gull	Rotterdam*	Feb 7
Black Osprey	Rotterdam*	Feb 13
Borinquen	Trujillo*	Feb 13
Brastagi	Macassar*	Feb 9
Brazil	Buenos Aires*	Feb 7
Caledonia	Glasgow*	Feb 12
California	Tacoma*	Feb 15
Calumet	Beira*	Feb 10
Carinthia	Liverpool*	Feb 6
Castilla	Puerto Barrios*	Feb 12
Champlain	Havre*	Feb 15
City of Auckland	Calcuta*	Feb 14
City of Baltimore	San Francisco*	Feb 6
City of Newport News	San Francisco*	Feb 13
City of Worcester	Calcutta*	Feb 9
Clara	Trieste*	Feb 15
Coamo	Trujillo*	Feb 6
Collingsworth	Buenos Aires*	Feb 17
Cottica	Barbados*	Feb 6
Cristobal	Cristobal*	Feb 14
Danio	Marseilles*	Feb 7
Drottningholm	Gothenburg	Feb 13
Eastern Prince	Buenos Aires*	Feb 15
Ensley City	Honolulu*	Feb 5
Examiner	Oran*	Feb 15
Exchester	Constanza*	Feb 9
Exhibitor	Istanbul*	Feb 16
Exochorda	Beirut*	Feb 15
Express	Istanbul*	Feb 9
Fernbrook	Alexandria*	Feb 15
Ferncliff	Buenos Aires*	Feb 10
Forbes Hauptman	Seattle*	Feb 13
Fort Amherst	St John's*	Feb 8
Fredhem	Ilheos*	Feb 17
Guayaquil	Port au Prince*	Feb 6
Hammaren	Gothenburg	Feb 10
Hartlebury	Iloilo	Feb 16
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Horace Luckenbach	Seattle*	Feb 9
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Kyno	Hull	Feb 6
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Missourian	Tacoma*	Feb 9
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New Toronto	Accra*	Feb 14
Niel Maersk	Manila*	Feb 16
Nordkap	Santos*	Feb 7
Panuco	Coatzacoalcos*	Feb 10
Paraguayo	Buenos Aires*	Feb 9
Paris	Havre*	Feb 8
Parnahyba	Santos*	Feb 15
Pennma*	Bradwood	Feb 7

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

OLD ESTABLISHED firm which has been successful in marketing by-products is interested in hearing from reliable concerns who are desirous of finding an outlet for their surplus products. BOX 282, Oil, Paint and Drug Reporter.

Business Offered

FOR SALE—Successful wholesale drug business in eastern N. C., established 40 years. Owner, 78, desires to retire. Investment approximately $50,000.00. Standard Drug Co., Elizabeth City, N. C.

Capital Offered

HAVE $10,000.00 with office, good connections and excellent business reputation. Experienced in chemicals and general import and export lines. Open for proposition requiring part or all these qualifications. BOX 291, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS — Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

PEBBLE MILLS, 1-4 gallons, 25-gallon porcelain lined, 18-in. Day mushroom mill, 300-gallon rubber lined kettle, 50-gallon double arm dough mixer, No. 0 Sturtevant rotary crusher. Lawler Engineering Company, Metuchen, N. J.

FIND what you want right in New York City. Pony mixers, post mixer, Day siftermixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers, Storms-Harvey Equipment Company, 123 Bleecker street, SPring 7-8955.

Equipment Offered

FOR SALE—One belt driven 12 inches by 30 inches water cooled Kent roller mill. BOX 281, Oil, Paint and Drug Reporter.

FOR SALE—Kent three roller mill, water cooled, 12 x 30 in., motor attached, like new. BOX 294, Oil, Paint and Drug Reporter.

Factories Offered

MODERN FACTORY, 54,000 sq. ft., one story, sawtooth construction, concrete floor, high ceiling, sprinklers, railroad siding, high pressure boiler, 4¾ acres land, 20 miles New York. Sale, lease; bargain. The R. L. Kraft Company, Woolworth building, COrtlandt 7-9377.

Factory Space

CHEMICAL MANUFACTURER will find unusual facilities 20 minutes from downtown New York. Unrestricted, ample 24-hour steam; railroad siding. BOX 261, Oil, Paint and Drug Reporter.

Manufacturer Wanted

DESIROUS OF contacting a manufacturer having high-heat kettles and W. P. mixing machine (or similar type) available and who is interested in manufacturing, as a sideline, plastic compounds and special molding powders; possibility of utilizing his waste materials. BOX 289, Oil, Paint and Drug Reporter.

Manufacturing Wanted

WE ARE completely equipped with dryers, agitating tanks, mixers, grinders, pulverizers and screens to manufacture your products according to your formulas. Let us quote on your requirements. BOX 288, Oil, Paint and Drug Reporter.

PRIVATE LABEL accounts solicited on paints, enamels, flats, varnishes, etc., at low costs. We are recognized as leaders and have large consumers' acceptance in quality white goods in Metropolitan area of New York, specializing in titanium paints at moderate costs. All inquiries will be treated confidential. BOX 293, Oil, Paint and Drug Reporter.

Materials Offered

WE OFFER the following minerals in car lots:—Allanite, apatite, bentonite, ilmenite, nepheline, pyrophillite, rhodochrosite, sericite, spodumene, vermiculite, wollastonite, zircon; also in less than car lots:—Anorthite, azurite, carnotite, chalcopyrite, columbite, gadolinite, malachite, monazite, pitchblende, samarskite, sapphire, selenite, tantalite, zincite. BOX 285, Oil, Paint and Drug Reporter.

CASCARA BARK—Buy from the person who does the work. Have on hand 50 tons cascara bark, 1 to 3 years old, in A-1 condition. Quote me price on car or boat, f.o.b. Aberdeen, Wash. BOX 287, Oil, Paint and Drug Reporter.

Positions Vacant

PAINT SALESMEN wanted by manufacturer of complete competitive line for Atlantic seaboard states. Reply in confidence in detail. No objection to side line. Our men know of this advertisement. BOX 284, Oil, Paint and Drug Reporter.

WANTED—SALESMAN with a following among paint manufacturers, rubber industry, etc., metropolitan area; also Eastern and Middle Western States, to sell special pigment, iron oxides as side line. Generous commission. BOX 286, Oil, Paint and Drug Reporter.

PAINT SALESMAN—Manufacturer with national distribution requires the services of a few high-grade men for Northwestern Ohio, also Michigan territories. Men with paint experience in these territories preferred. Salary and commission. Our men know of this ad. BOX 292, Oil, Paint and Drug Reporter.

SALES MANAGER wanted for furniture finishes by large, nationally-known manufacturer of industrial varnishes, lacquers and enamels. Man capable of directing and assisting salesmen who sell finishes for wood. Practical knowledge of wood finishing and successful sales record essential. Substantial salary will be paid right man. BOX 295, Oil, Paint and Drug Reporter.

Positions Wanted

FORMER PAINT manufacturer-executive; many years sales, costs, office, factory, etc., experience, wants connection with good concern. Salary to start no object. Invest if satisfactory. Gentile. BOX 290, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL SALES — Alert personable young graduate chemist seeks position in technical sales. University of Illinois, A. B. '37, M. S. '38. Christian, age 23. Three years' business experience gained during interruption of college course, includes laboratory work and some non-technical sales. BOX 278, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers — If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

LABELS, CARTONS and circulars revised to comply with new Federal law. Twenty-five years' experience as manufacturing chemist with large firms. Mail samples and will quote reasonable prices. William R. White, Ph.C., 3705 Whittand avenue, Nashville, Tenn.

Surplus Stock

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

CHECK INVENTORIES — Cash for any quantity, surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

Pipestone County	Havre*	Feb 8
Polycarp	Bahia*	Feb 7
Pomona	Seattle*	Feb 16
Ponce	La Romana*	Feb 13
President Adams	Honolulu*	Feb 14
Puerto Rico	Ponce*	Feb 8
Queen Mary	Southampton*	Feb 9
Rex	Naples*	Feb 9
Rio Branco	Cavalla*	Feb 9
Rosario	San Juan	Feb 13
St Louis	Hamburg*	Feb 12
San Felipe	Portland*	Feb 11
Santa Clara	San Antonio*	Feb 13
Santa Inez	Chanaral*	Feb 6
Santa Paula	Curacao*	Feb 13
Santa Rosa	Curacao*	Feb 6
Scanpenn	Copenhagen*	Feb 9
Scotia	Bahia*	Feb 16
Schodack	Dunkirk*	Feb 14
Scythia	Liverpool*	Feb 12
Sea Thrush	Los Angeles*	Feb 7
Sheridan	Bahia*	Feb 15
Silverteak	Shanghai*	Feb 8
Tabian	Macassar*	Feb 14
Talamanca	Puerto Colombia*	Feb 9
Tana	Buenos Aires*	Feb 13
Tercero	Buenos Aires	Feb 12
Texas Banker	Houston*	Feb 7
Texas Ranger	Houston*	Feb 14
Tonsbergfjord	Antwerp*	Feb 11
Veragua	Port Limon*	Feb 12
Vigilant	Gdynia*	Feb 6
Volendam	Rotterdam*	Feb 7
Washington	Hamburg*	Feb 8
Westernland	Antwerp*	Feb 14
West Humhaw	Matagi*	Feb 10
Yomachichi	Whyalla*	Feb 13
Zaandam	Rotterdam*	Feb 13

* And other ports

Recent Charters

CHROME ORE—9,500 tons, S S Orfor, Philippines to Northern United States, $5.50; February

FLAXSEED—8,100 tons, S S Nailsea Court, Karachi, Marmagoa to Liverpool and (or) Manchester, 25s; February
8,000 tons, S S Villarperosa, Karachi, Marmagoa, United Kingdom, Continent, 24s 3d; March

ORE—8,000 tons, S S Margarita Chandri, Rio de Janeiro to Rotterdam, 1s 9d; 1s load, 1s discharge; January-February
7,700 tons, S S Evros, Rio de Janeiro to Danzig-Gdynia, 12s 6d; February-March

PETROLEUM———tons, Tanker, fuel oil, Gulf to Savannah, 16c a barrel; January
—— tons, Tanker, crude oil, Venezuela to Northern States, 12½c a barrel; February
3,200 tons, S S Raila, clean, Gulf to Ango-Ango, 13s 6d; February
5,685 tons, S S Alar, crude oil, Venezuela to Northern States, 12½c a barrel; February
—— tons, Tanker (Inver), dirty, Gulf to Havre, 9s 4½d; March
—— tons (Tidewater), gasoline, Gulf to North of Hatteras, 18c a barrel; February
—— tons, S S Inveree, dirty, Gulf to Havre, 9s 4½d; March
—— tons, S S (Tidewater), gasoline, Gulf to North of Hatteras, 19c a barrel; February
5,849 tons, S S Dalfonn, dirty, Aruba to United Kingdom, Continent, 9s; February-March
3,925 tons, S S L L Abshire, clean, gasoline, Gulf to North of Hatteras, 17c a barrel; February
3,773 tons, S S Evita, clean, California to Philippines, Hongkong and Saigon, 19s; April
3,595 tons, S S Alpha, fuel, heavy, Gulf to North of Hatteras, two trips, 18c a barrel; February
4,402 tons, S S Myriam No 2, heating oil or kerosene, Mexico to New York, 19c a barrel; February
4,126 tons, S S Thorshavn, dirty, California to Japan, 12s 9d; March 1-15
3,907 tons, S S Vilja, dirty, California to Japan, 12s 3d
—— tons (Mallory), crude light, Gulf to North of Hatteras, 16c a barrel; February
4,376 tons, S S Tulsagas, gasoline, Gulf to North of Hatteras, 19c a barrel; February
3,907 tons, S S Vilja, clean, California; no destination given
4,382 tons, S S Tidepenn, gasoline, Gulf to North of Hatteras, 18c a barrel; February
—— tons, S S ——, fuel oil, California to San Jose, Guatemala, 22½c barrel; March
60,000 bbls, S S Hadnot, Gulf to North of Hatteras, 15½c a barrel; February
75,000 bbls, S S Larry Doheny, light crude, Gulf to North of Hatteras, 15½c a barrel
—— tons, Tanker, fuel oil, California to San Jose, Guatemala, 22½c a barrel; March
60,000 bbls, S S Hadnot, light crude, Gulf to North of Hatteras, 15½c a barrel
75,000 bbls, S S Larry Doheny, light crude, Gulf to North of Hatteras, 15½c a barrel; February
5,986 tons, S S Ferncastle, dirty, California to Japan, 12s 6d; February 1-15
5,986 tons, S S Fern Castle, California to Japan, 12s 6d; March
5,561 tons, S S Inverdargle, clean, Black Sea to United Kingdom, 9s; March

PHOSPHATE—5,000 tons, S S Canfor to Rouen, 9s 6d; January

SODA NITRATE—1,028 tons, S S Pollux, Hopewell to Memel, $4.75; prompt
954 tons, S S Sekstant, Hopewell to Hamburg, $3.90; prompt

SOYBEANS—8,000 tons, S S Dunelmia, Dairen to Rotterdam; 26s 3d; February

SULPHUR—6,000 tons, S S ——, Port Sulphur to Avonmouth and Swansea, $4.15; prompt

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Two Weeks Ended February 8

Cassia oil, 26 drums; not U.S.P.
Cod oil industrial, 150 drums; restricted use.
Cod oil, technical, 815 pounds and 300 tons; restricted use.
Fennel seed, 300 bags; filthy.
Liver extract, 3 cases; not U.S.P.
Mace, 15 cases; worm-eaten.
Medicinal preparations, 17 cases; false and misleading statements.
Medicinal preparations, 2 cases; new drug.
Medicinal preparations, 18 packages; new drug; false therapeutic claims.
Medicinal preparations, 1 package; false therapeutic claims.
Medicinal preparations, 2 cases; physiologically inert.
Medicinal preparations, 2 cases; new drug.
Medicinal preparations, 2 packages; new drug; false therapeutic claims.
Nutmegs, distilling, 746 bags; restricted use.
Sandalwood oil, 1 case; restricted use.
Stramonium leaves, 59 bales; not U.S.P.
Stramonium leaves, 28 bales; not U.S.P.
Thyroid, 1 case; not U.S.P.

Baltimore

Week Ended February 1

Cod liver oil, nondestearinated, 120 drums; restricted use.

Buffalo

Week Ended February 8

Hair dye, 1 package; no caution statement.

Los Angeles

Two Weeks Ended January 26

Medicinal preparations, 4 pieces; dangerous to health.
Medicinal preparations, 909 pieces; dangerous to health; new drug.
Medicinal preparations, 26 pieces; false therapeutic claims.
Medicinal preparations, 50 pieces; new drug.

GUARANTEED
NEW AND REBUILT EQUIPMENT
FOR THE CHEMICAL AND PROCESS INDUSTRIES
FIRST
MACHINERY CORP.
419 Lafayette St. New York, N.Y.
LIQUIDATORS APPRAISERS
Cable: EFFEMCY

Philadelphia

Week Ended February 8

Medicinal preparations, 1 package; new drug; dangerous drug.
Medicinal preparations, 1 package; new drug; dangerous drug; false therapeutic claims.

San Francisco

Two Weeks Ended February 2

Medicinal preparations, 1,654 pieces; false therapeutic claims.
Medicinal preparations, 28 pieces; false therapeutic claims; new drug.
Medicinal preparations, 3,500 pieces; false therapeutic claims.
Condiment, 4 pieces; misleading statements.
Medicinal preparations, 30 pieces; false therapeutic claims; new drug.
Medicinal preparations, 24 pieces; false therapeutic claims.

Seattle

Two Weeks Ended February 2

Hair dye, 1 case; coal tar dye without caution statement.
Hair dye, 492 pieces; coal tar dye without caution statement.
Medicinal preparations, 129 pieces; false therapeutic claims.
Coriander seed, 100 bags; filthy.

Allied Laboratories, Inc., Kansas City, has acquired Southwest Medical Supply, Inc., Los Angeles.

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